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Publisher and Managing Editor
Anne Smith

Deputy Editor
Hazel Ratcliffe

Assistant Editor
Angela Gordon

Advertising
Brenda Hughes
Telephone: 0672 516749

Contributors
Linda Black
Peter Davies
Angie Gibbons
Angela Gordon
Ann Kite
Kamalini Trentham

Photography
Bill Morton

Stylist
Sally Ann Carroll

Hair/Make-up
Rod at Ethos

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Knitline

the electric design library

PERFECT BEGINNINGS

For something new to start off garments, knitters with a Brother garter carriage should try the latest book from **Foxwood Designs** entitled **Cuffs 'n' Welts**.

The A4 paperback book is a collection of 15 small repeat stitch patterns suitable for both punchcard and electronic machines with the garter carriage. Each design is a mixture of knit and purl stitches in the same row which causes the stretch common in a traditional ribbed welt.

The amount of stretch varies, so there are some suitable for tight cuffs and other for looser tunic style welts.

The book costs £3.95 and a set of both book and disk for the Brother FB100 disk drive is £7.45 including VAT, postage and packing. To obtain your copy please send to Foxwood Designs Ltd., Stream House, Castle Hill, Rotherfield, East Sussex TN6 3RU or telephone 0825 830388.

GET CRAFTY . . .

Personalised Greetings Cards tell someone you care just that little bit more. **The Crafty Greetings Handbook** will help you to create cards that though simple to produce, will make an impact on the receiver.

The Crafty Greetings Handbook comes complete with templates for fourteen designs suitable for birthdays, christening, moving home, passing exams, Valentine's day, Mother's day and seasonal greetings, along with five blank cards and envelopes to start your new hobby.

Normal price is £3.50 but as a special introductory offer to our readers The Crafty Greetings Handbook is available for only £2.00 from 67 Grosvenor Road, Wanstead, London E11 2ES. Get a copy now and save all the time spent searching for the perfect card by creating your own unique design.

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JAROL YARNS

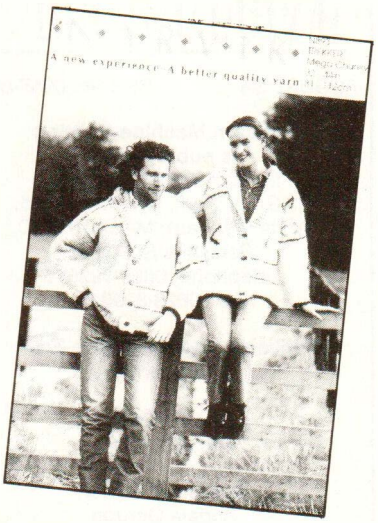
There are some super new yarns, new colours and new patterns in the **Jarol** range of easy care yarns. **Magic Toybox Collection**, a lovely pastel colour range double knit yarn with knops of different colours, has now been extended to include **Harry the Hedgehog** and **Sammy the Seal** - no, not stitch patterns . . . those are the yarn names! **Harry** is a fuzzy type yarn to give a garment that little bit extra. Because it is not intended for use in a full garment it has been produced in 25g balls. **Sammy** has a special binder thread to make in an interesting contrast to the plain double knitting.

Supersaver Splashes is a random dyed yarn in seven different shades to use in conjunction with the normal **Supersaver** yarn or as a variation.

Trekker, Mega Chunky is a really chunky yarn very suitable for outdoor winter wear, which comes in six natural shades This is a really light yet warm mixture of Acrylic, Viscose and Wool and it is machine washable.

Young Touch is a lovely silky-smooth, 100% Mercerised Cotton yarn in double knit weight and twenty colours.

The very popular, brightly coloured, chunky yarn, **Streetwise** has been extended to include **Twisters**. This is a coloured yarn twisted together with a black one.



There are lots of lovely new pattern leaflets covering all these yarns, so pop into your local wool shop and browse through the Jarol catalogue now.

DESIGNAKNIT 5 IMPORTING PATTERNS THE EASY WAY

It will be no surprise to computerised knitters that **Kathleen Kinder's** latest book for machine knitters is about computers. In this book she tells you all about importing patterns into DesignaKnit 5 using DeLuxe Paint II, Windows Paintbrush, Graphics Workshop and Paint Shop Pro, as intermediary programs for tidying up and sizing the images.

There is a lot of useful information about using PCX images from other software and also about converting from CUT format, so that you can use designs meant for Creation 6. This is not a step-by-step guide on how to import a simple PCX image into DesignaKnit, using the facilities within the program to do so, rather it explains how to eliminate the tiresome boxing of the image and is more suited to the fairly experienced computer user.

There are quite a few of Kathleen's own designs included for you to practise scanning and converting.

To order please send a cheque or postal order for £5 to Kathleen Kinder,

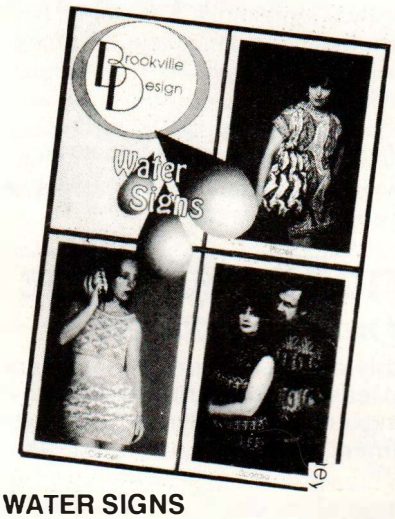
Valley View, Station Road, Giggleswick, Settle, North Yorkshire BD24 0AB.

MOTIF MAGIC

For all 60 and 200 stitch Brother electronic knitters, **Diane Bennett's** latest book **Motif Magic** contains ten samples of different types of motif.

The book includes examples of Fair Isle, lace and weaving and covers both single and multiple motif programming with mirror images and superimposed motifs.

If you need help setting up your motifs, get a copy of this book for £5.25 from your local dealer or £5.50 direct from Diane Bennett, 9 Huntley Grove, Nailsea, Bristol BS19 2UQ.



WATER SIGNS

Last month we told you about **Sub-Sahara**, a book of stitch patterns by **Brookville Designs**. This time they have sent us a copy of **Water Signs.**

Water Signs is the first of a series to be based on mythology and featuring stitch patterns from the water signs of the Zodiac. In case you are not up on your Water Signs, these are Cancer, Pisces and Scorpio.

The book includes five new, easy to knit, garment patterns including a short cropped top, mini skirt, sleeveless jumper, sleeveless tunic and man's jersey.

Water Signs makes interesting reading if you are Cancerian, Piscean or Scorpion sign as there is a written background to each one. Make an interesting and unusual gift by knitting the garment and presenting it together with a copy of the book to a special water sign friend.

To obtain a copy send a cheque or postal order for £6.95 to Brookville Design, 39 Quilter Road, Felixstowe, Suffolk IP11 7JL.

DESIGNAKNIT JACQUARD WORKING NOTES

These were written for DesignaKnit by **Angela Gordon** but they are not to be confused with the Jacquard for Japanese Machines by Angela Gordon, which were written specifically for Brother and Silver Reed knitting machines.

The **DesignaKnit Jacquard Working Notes** come in A5 loose leaf format, ready for placing in your DesignaKnit instruction manual. They are only useful if you have the DesignaKnit 5 Standard or Professional program. The notes cover everything about using the DesignaKnit program for colour separation and knitting. The different methods of colour separation and row suppression are explained and each machine is then covered individually for the knit from screen, or printing and knitting methods.

Although not intended as a complete learn to knit Jacquard guide, there is also a section of general tips.

Obtain your copy of these DesignaKnit Jacquard Working Notes directly from Soft Byte Ltd, Quarry Lane, Nantmawr, Oswestry, Shropshire SY10 9HH for £4.00 and let the program do the rest.

NICE AND EASY

The latest book by **Janet Spink** is **Nice and Easy Neckbands** and, as inferred by the name, it contains lots of ideas for neckbands from simple mock rib bands to the more complex and fancy double bed ones.

The knitting method for each band is clearly explained and followed by finishing methods for machine finish and also Hague Linker finished where appropriate.

A black and white photocopy of the actual finished bands and, where necessary, partially worked bands are included so that you know exactly what you are aiming for.

Nice and Easy Neckbands is available for £3.99 plus 35p postage and packing from Janet Spink, 9 Fairview Close, Drayton, Norwich, Norfolk NR8 6RT.

Dear Readers

At this time of year, it is often difficult to take the time to enjoy our machine knitting, but we hope to tempt you to your machine with our two new articles.

We welcome Linda Black of Foxwood Designs as a regular contributor. Linda, has been creating designs for her Electronic Design Library since electronic machines first made their appearance. She has produced some wonderful designs for users of the Fine Gauge punchcard machines. These 30 stitch repeat patterns can be used by all electronic knitters. Linda has produced three superb designs for golfers. You could knit just one of the single motifs for a simple classic sweater or use both motifs and the Fair Isle border to create a really striking garment. We are all looking forward to seeing more of Linda's designs.

Kamalini Trentham needs no introduction to our readers, who will remember her excellent Lace series. She has returned with some delightful Trims and Edgings to get your knitting off to a great start (or finish). With her keen eye for detail, there are bound to be some interesting ideas in this new series.

Angie has used a touch of glitter in her, very exciting, samples this month. Stay with the glitter, leave some needles out of work and knit yourself a summer evening waistcoat following the Finishing Touch technique.

Why not join in some of the fun in our one day workshops! I am writing this letter after a lovely day spent conducting our third very successful knitting course. We believe we've something planned to suit all, but if what you would like to do is not on the list, please drop us a line. The proposed City & Guilds Machine Knitting Part One course (starting in September) has attracted a lot of attention - it's not too late to put your name down. We may start Part Two in January, so if you would like to know more you can ring me at home, on 0929-551073. Until next time, Happy knitting.

Angela

POCKETS AND COLLARS

Learn to knit Perfect Pockets or neatly add a collar by watching the latest videos from **Barbara Stubbs**.

Barbara has produced several videos covering the basics for machine knitters who are just learning the craft. Each video also entitles the purchaser to use the helpline service free.

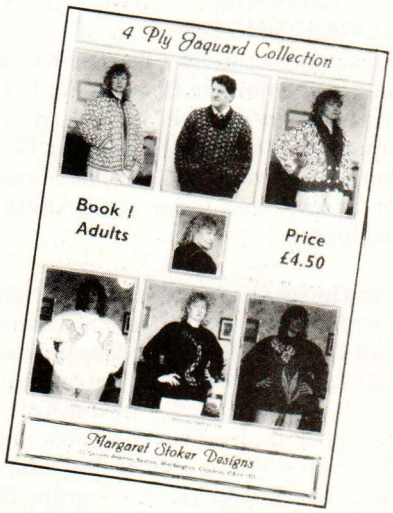
Perfect Pockets is a 3 hour video of both single bed and ribber pockets with everything from simple patch pockets to angled and patterned pockets.

Collar Collection is also 3 hours and has several collars from the very quick and easy to sailor and tab collars.

Each video costs £28.75 plus £1.30 postage and packing. Please send to Barbara Stubbs, 6 Lindrum Avenue, Lyme Green, Macclesfield, Cheshire SK11 0LG.

4 PLY JACQUARD

If you like the idea of knitting double Jacquard with four-ply yarn you will find this new book of interest. The **4 Ply Jacquard Collection, Book 1** has been written by **Margaret Stoker** to fill the pattern gap created as more and more knitters turn to double Jacquard but balk at using the finer yarns.



The six patterns, knitted in readily available Bramwell four-ply Acrylic, include three large motif ladies' sweaters just for electronic knitters, a man's sweater and two ladies' jackets which can be knitted on both electronic and punchcard machines.

To obtain a copy please send a cheque or postal order for £4.50 to Margaret Stoker, 25 Queens Avenue, Seaton, Workington, Cumbria CA14 1DL.

DESIGNAKNIT 5 TEMPLATES

Our apologies to Mr Steward for the unexplainable gremlins that found their way into the review of his great little function key templates.

The templates are **not** available from any stockists but can be purchased at a cost of £1.00 each plus 30p postage and packing direct from Mr Steward at 50 Silvester Road, Cowplain, Waterlooville, Hampshire PO8 8TL.

For readers who missed the earlier review, these 'hotkey' templates list all the quick operations that can be performed using function keys 1 to 10 (including the shift and control plus function key operations) whilst working in the EDIT mode of the Colour Pattern Menu. A very useful little template which quickly helps you to get to know the appropriate keys.

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	Cotton & C/Acr.		(7p an oz) £1.25
2 Ply	Brushed Acr.		(12p to 25p an oz) £2.10 to £4.25 (Rep)
	Cotton		(18p to 36p an oz) £3.10 to £6.25 (Rep)
	Wool		(15p an oz) £2.50
	Lambswool		(15p an oz) £2.50
	Bouclé		(12p to 25p an oz) £2.10 to £4.25 (Rep)
3 Ply	HB Acr.		(12p to 21p an oz) £2.10 to £3.55 (Rep)
4 Ply	Shetland & Wool		(15p to 28p an oz) £2.50 to £4.75 (Rep)
	Chenille		(36p an oz) £6.25
	Mohair/Acr.		(24p an oz) £4.15
	75% Acr/25% Wool	450 Grams	(23p an oz) £3.17
D.K.	HB Acr.		(18p an oz) £3.08
Aran	Wool on Hank	450 Grams	(28p an oz) £4.32 (Rep)
	Wool/Nylon Hank	450 Grams	(28p an oz) £4.32 (Rep)
	Chunky Mohair 78% Hank	360 Grams	(49p an oz) £6.10

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D5

Pattern 1

THE OPEN SEASON

It's the summer favourite - the see-through effect of an open mesh pattern worn long and loose over another colour or just a swimsuit

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for Silver Reed standard gauge punchcard or electronic machines with a lace carriage. For other models we suggest you substitute a similar lace pattern specially recommended for your machine.

MATERIALS
Spectrum Linaria.
(Yarn Guide No. 11.)
1 x 500g cone in White (MY).

GARMENT WEIGHT
Finished garment in first size weighs 330g.

The fibre content of this yarn is 100% Acrylic. This yarn is available by mail order only. Please contact Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB. Telephone: 0484 843732.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87 [92, 97, 102, 107, 112, 117] cm, 34 [36, 38, 40, 42, 44, 46] in.
Actual size 109 [114, 120, 125, 130, 135, 140] cm, 43 [45, 47, 49, 51, 53, 55] in.
Length to shoulder 68 [69, 70, 71, 72, 73.5, 74.5] cm, 26½ [27, 27½, 28, 28½, 29, 29½] in.
Sleeve seam 40.5 [42, 43, 44.5, 44.5, 46, 46] cm, 16 [16½, 17, 17½, 17½, 18, 18] in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
23 stitches and 43 rows to 10 cm, 4 in measured over plain lace pattern (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Silver Reed Electronic Machines
Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

BACK
Push 127 [133, 139, 145, 151, 157, 163] Ns at centre to WP with extra N at left. * Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-2 and MY, K 12 rows. Transfer every alt st on to its adjacent N. Leave empty Ns in WP. K 12 rows. Make a hem by placing loops of first row worked in MY on to corresponding Ns. Unravel WY when work is completed *. Inc 1 st at right edge. 128 [134, 140, 146, 152, 158, 164] sts. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in lace patt **. K 268 [272, 276, 280, 284, 290, 294] rows. RC shows 270 [274, 278, 282, 286, 292, 296].
Shape Neck
Note patt row on card. Using nylon cord, K 84 [88, 92, 96, 100, 104, 108] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of next 10 rows. 34 [36, 38, 40, 42, 44, 46] sts. K 3 rows. Cast off. With carriage at right, unravel nylon cord over 40 [42, 44, 46, 48, 50, 52] Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to right without knitting. Release card and cont in lace patt. Finish to correspond with first side, reversing shapings.

FRONT
Work as for back to **. K 240 [244, 248, 252, 256, 262, 266] rows. RC shows 242 [246, 250, 254, 258, 264, 268].
Shape Neck
Note patt row on card. Using nylon cord, K 74 [78, 82, 86, 90, 94, 98] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of every row until 44 [46, 48, 50, 52, 54, 56] sts rem, then on every foll alt row until 37 [39, 41, 43, 45, 47, 49] sts rem, then on every foll 4th row until 34 [36, 38, 40, 42, 44, 46] sts rem. K 5 rows. Cast off. With carriage at right, unravel nylon cord over 20 [22, 24, 26, 28, 30, 32] Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to right without knitting. Release card and cont in lace patt. Finish to correspond with first side, reversing shapings.

SLEEVES
Push 65 [65, 69, 69, 73, 73, 77] Ns at centre to WP with extra N at left. Work as for back from * to *. Inc 1 st at right edge. 66 [66, 70, 70, 74, 74, 78] sts. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in lace patt. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 118 [118, 124, 124, 130, 130, 136] sts. K 11 [17, 17, 23, 17, 23, 17] rows. RC shows 164 [170, 176, 182, 182, 188, 188]. Ad- 10 ▶

Earrings, CELTIC COLLECTION.

◀8

just length at this stage, if desired. Cast off.

POCKETS

Push 36 Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Insert card and lock on first row. Set RC at 000. Using MY, K 2 rows. Release card and cont in lace patt. K 58 rows. RC shows 60. Remove card. Cont in st st. Using MT-2, K 12 rows. Transfer 3rd and every foll alt st on to its adjacent N. Leave empty Ns in WP. K 12 rows. Make a hem by placing loops of first row at MT-2 on to corresponding Ns. Using MT + 2, K 2 rows. Cast off.

NECKBAND

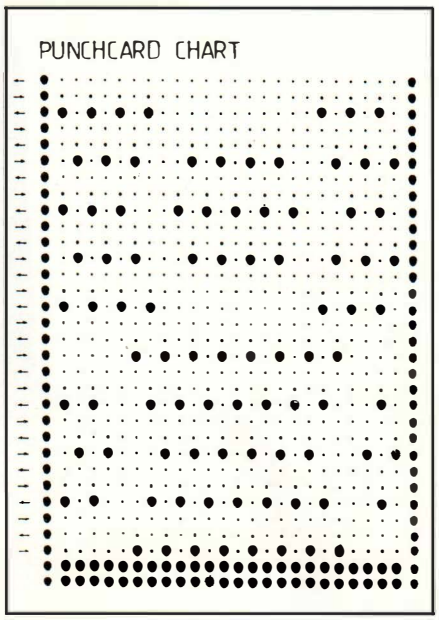
Join right shoulder seam. Push 137 [141, 145, 149, 153, 157, 161] Ns to WP. Work as for back from * to *. Using MT, K 1 row. With P side facing, pick up sts around neck edge and place on to Ns. Using MT + 2, K 2 rows. Cast off.

PRESSING

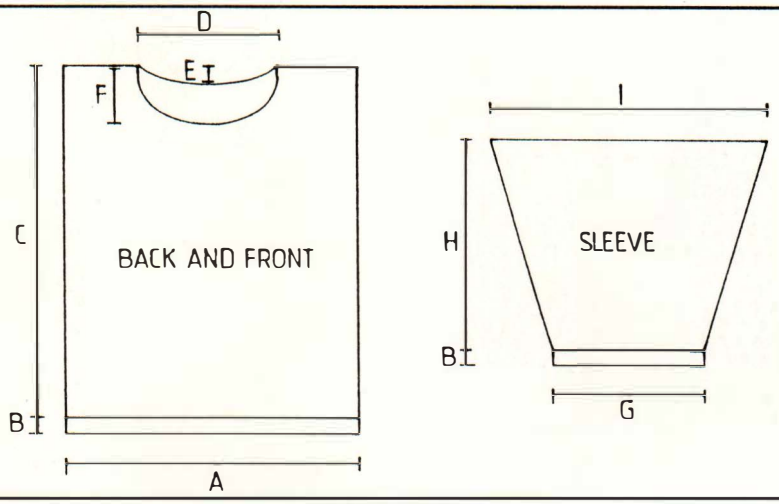
With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Sew pockets into position with lower edge at top of hems and leaving approx 7 cm, 3 in between pockets



A = 55.5 [58, 60.5, 63, 66, 68.5, 71] cm
B = 2.5 cm
C = 65.5 [66.5, 67.5, 68.5, 69.5, 71, 72] cm
D = 26 [27, 27.5, 28.5, 29.5, 30, 31] cm
E = 3 cm
F = 10 cm
G = 28.5 [28.5, 30, 30, 32, 32, 33.5] cm
H = 38 [39.5, 40.5, 42, 42, 43.5, 43.5] cm
I = 51 [51, 53.5, 53.5, 56.5, 56.5, 59] cm



Competition result

MARCH 1994 COMPETITION

The winning lines of the very famous nursery rhyme featured in our March competition were 'Mary had a little lamb, Its fleece was white as snow' and the author was Sarah Hale

Our congratulations to Mrs M. Dowkes of ABINGDON, Oxfordshire, whose winning entry was the first one drawn from our postbag.

Mrs Dowkes will receive a brand new Janome New Home sewing machine worth £400, a wonderful addition to any machine knitters equipment. We do hope that you are looking forward to enjoying some dressmaking, or at least some cut and sew projects.

Club speakers

ANGIE GIBBONS. 26 Cripps House, Henderson Road, Broadfields, Crawley, West Sussex RH11 9HY. Tel: 0293-523805.
Creative lecture by qualified designer covering design research, inspirations, colour theory and yarn usage. Detailed design techniques as given in Swatch Spot articles in Modern Machine Knitting. Garments from children to adults shown. Workshops can be arranged. Any distance considered.

ANN BROWN. Posh Frocks, 35 The Links, Whitehill, Bordon, Hampshire GU35 9HB. Tel: 0420-474904.
All aspects of design from techniques to pressing, including slide show, also Passap/Pfaff. Clubs - 100 miles. Workshops and Hands On, any distance.

ANN DURKAN. Michaelmas Cottage, Twineham, West Sussex RH17 5NN. Tel: 0444-881556.
Lively choice by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on Elegance made Easy. Plenty of sample garments to try on and have fun with. Workshops also arranged. No restrictions.

ANN ROSS. Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY. Tel: 0787-476540.
Any subject on the Japanese machines. Yarns and books available. 60-mile radius. Further by arrangement.

ANNE KENT. 23 Springfield, East Grinstead, West Sussex RH19 2RT. Tel: 0342-313562.
Informative talks; Sideways sweaters to your size; Size right; Punchcard designing; Pockets galore. Reasonable distance from East Grinstead.

ANNE WARWICK. The Knitting Studio, 3 Frobisher Close, Hinckley, Leicestershire LE10 1UP. Tel: 0455-636409 after 6pm.
Knitting with Oiled Yarns, Cashmere, Lambswool/Angora, Shetland, etc. Successful knitting in luxury oiled yarns. Talk and demonstration with samples, swatches and garments covering yarns counts, tensions, scouring, finishing, care for garments. 50-mile radius, further by arrangement.

CHRISTELLE MARKS-JEFFERY. Christelle Creations, Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU. Tel: 0903-743147.
Designing and adorning marvellous mohair. Easy appliques and garment decorations for all knitwear, fashionwear and even home decor. Club visits, workshops, day courses and mail order available. Any distance considered.

JANET LEECH. The Craft Co., Church Villa, Cwmdu, Powys NP8 1RU. Tel: 0874-730820.
Garment decoration for knitwear using fabric dyes, glues, foils and many more techniques. Club visits, workshops and day courses. No restriction.

JANET ROELANDTS. 24 Church Lane, Husbands Bosworth, Lutterworth, Leicestershire LE17 6LS. Tel: 0858-880286.
Dyeing wool with natural dyes. Mordanting techniques. How to get the colour you want. Suitable yarns to use. 50 mile radius. Further by arrangement.

JENNY ROSE. 12 Bercta Road, London SE9 3TZ. Tel: 081-859 2745.
Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details. No restriction.

JOHN BLAKEMAN. 25 Englesea Avenue, Weston Coyney, Stoke-on-Trent, Staffordshire ST3 5HL. Tel: 0782-313077.
Ex-Brother supervisor. Basic and advanced knitting techniques - Japanese machines. Programming - all Brother electronics. Using colour changers and accessories. Speciality - Jacquard and ribber techniques. Club visits, courses and workshops. No restriction.

KAREN DIESNER. 53 Avondale Road, Edgeley, Stockport, Cheshire SK3 9NY. Tel: 061-480 5381.
Singer double bed electronic machines. Single and double bed techniques, including lace, Jacquard, cut and sew and the colour changer. Demonstration of the system 9000 and 624. Workshops arranged with pleasure. North West England. Further by arrangement.

MAGGIE ANDREWS. 79 Hookfield, Harlow, Essex CM18 6QQ. Tel: 0279-422994.
Maggie has been designing knitwear for publications for 14 years and has recently finished her seventh Bramwell pattern book. Maggie offers demonstrations and talks on many subjects. SAE for details. 40 mile radius of Harlow.

PAM TURBETT. 17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU. Tel: 0730-893654.
Cut and sew, i.e., dressmaking with fabrics made on your machines. No restriction.

PEGGY LA RIVIERE. 67 Bartholomew Road, London NW5 2AH. Tel: 071-267 2712.
The blocking cloth and finishing; demonstrations of stitched applique on knitwear; a good way of using up tension swatches. Original winter coats. Up to two hours from London, further by arrangement.

RITA RUBERY. 18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ. Tel: 021-353 9623.
Talk called 'Made to Measure' Knitwear with 28 garments, illustrations, books and patterns. Any distance considered.

ROZ KELLETT. 68 St Aubins Avenue, Bitterne, Southampton, Hampshire SO2 8NW. Tel: 0703-446389.
Take the tension out of knitting. A designer shares her secrets and enthusiasm for the craft we all love. South of England, elsewhere by request.

RUTH COX. Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU. Tel: 0582-605808.
No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully. 50-mile radius, further by arrangement.

SYBIL WHISTON. 27 Foot Wood Crescent, Rochdale, Lancashire OL12 6PB. Tel: 0706-33667.
Making fabrics with your machine. A decade of machine knitting. The history of knitting and the influences of people, places and things. Other themes on request. Reasonable distance from Rochdale.

SYLVIA WYNN. Forge Craft Creations, The Old Smithy, Pirton, Nr Worcester WR8 9EJ. Tel: 0905-820482.
Swiss darning. Talk, demonstration and workshops. Sylvia demonstrates her technique on Swiss darning and how to achieve the professional finish. Any reasonable distance.

TERRY ARMITSTEAD & JANE HUNTINGFORD. c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 9AY. Tel: 0243-826125.
Combined talks. TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines. TALK 2: 'Inspirational Variations'. How to get more out of your punchcard and electronic designs, plus all the latest of our products. No restriction.

VALERIE MEECHAM. White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ. Tel: 04605-4670.
Single and double bed work on Japanese and Swiss machines; 14 subjects; New techniques; Talks and demonstrations. 90-mile radius of Ilminster.

WENDY ENGLISH. 1 Brooke Avenue, Boldon Colliery, Tyne & Wear NE35 9ED. Tel: 091-537 4338.
Brother Electronic. Basic to advanced techniques; ribber; single and double bed colour changer; decorative hems and ribs; overcoming patterning width to create large motifs automatically; history of machine knitting. 50-mile radius, further by arrangement.

YVONNE KNAPMAN. Jacpacs, 19 South Road, Portishead, Bristol, Avon BS20 9DU. Tel: 0275-842677.
Double Jacquard knitting, an informative talk and demonstration on all aspects of double Jacquard knitting, using the double bed colour changer or the Jac-Card, covering design and punchcard conversion. Workshop days by arrangement. Within 100 miles of Bristol.

The swatch spot

SUMMER FABRICS - Part Two

In my last few Swatch Spots I have worked with fabrics that can be layered. One of the fabrics produced worked on a simple tension change, alternating loose tension with a tighter tension, creating a striped mesh fabric

In this Swatch Spot I take this fabric a step further by using three different tension changes worked in a pattern to produce an interesting but simple texture. The fabric works well when used in layering, as the colour beneath shows up the stitch texture. It is equally effective when used singulary. The tension changes give an uneven width to the fabric overall although this can be kept to a minimum by mixing the tension changes frequently and by not knitting too many rows in any one tension.

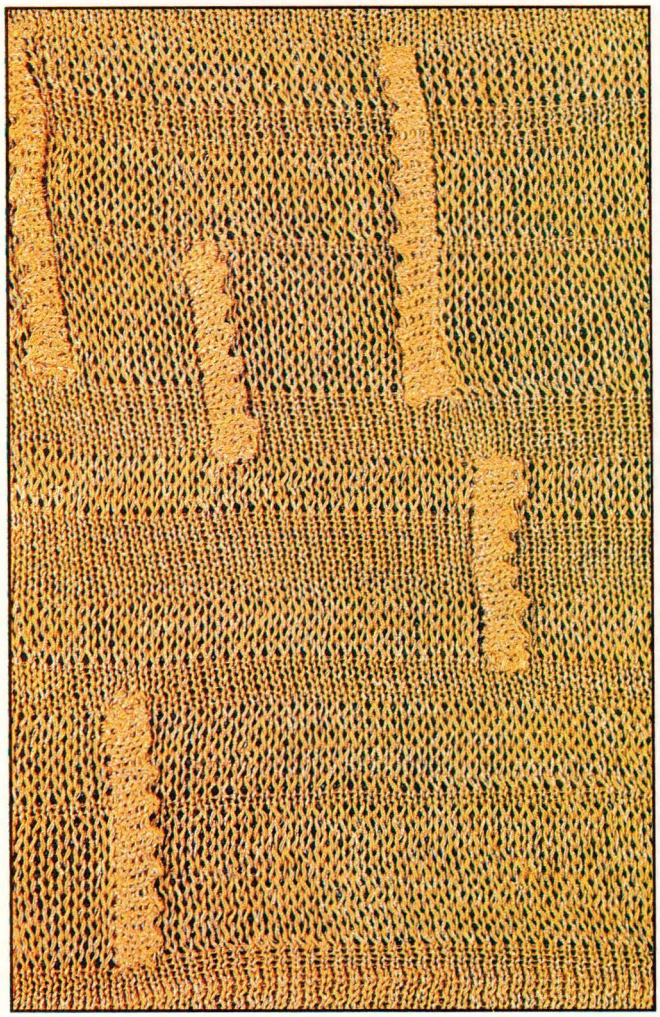
I have worked the fabric in one colour only, so as not to detract from the stitch texture. A mixture of colours can be used, producing different results. Use another colour each time the tension changes. For strong horizontal stripes use bold contrast colours, for a subtle striped effect, work in muted colours changing shades at each tension change.

I wanted a smooth sparkling lightweight fabric, so I used mercerised cotton with lurex. Various effects can be produced by using other yarns. The smoother yarns like cotton, rayon and fine acrylics can be used for summer. Work in wools, mohair and acrylic mixtures for winter fabrics. The more textured the yarn, the less the stitch texture will show.

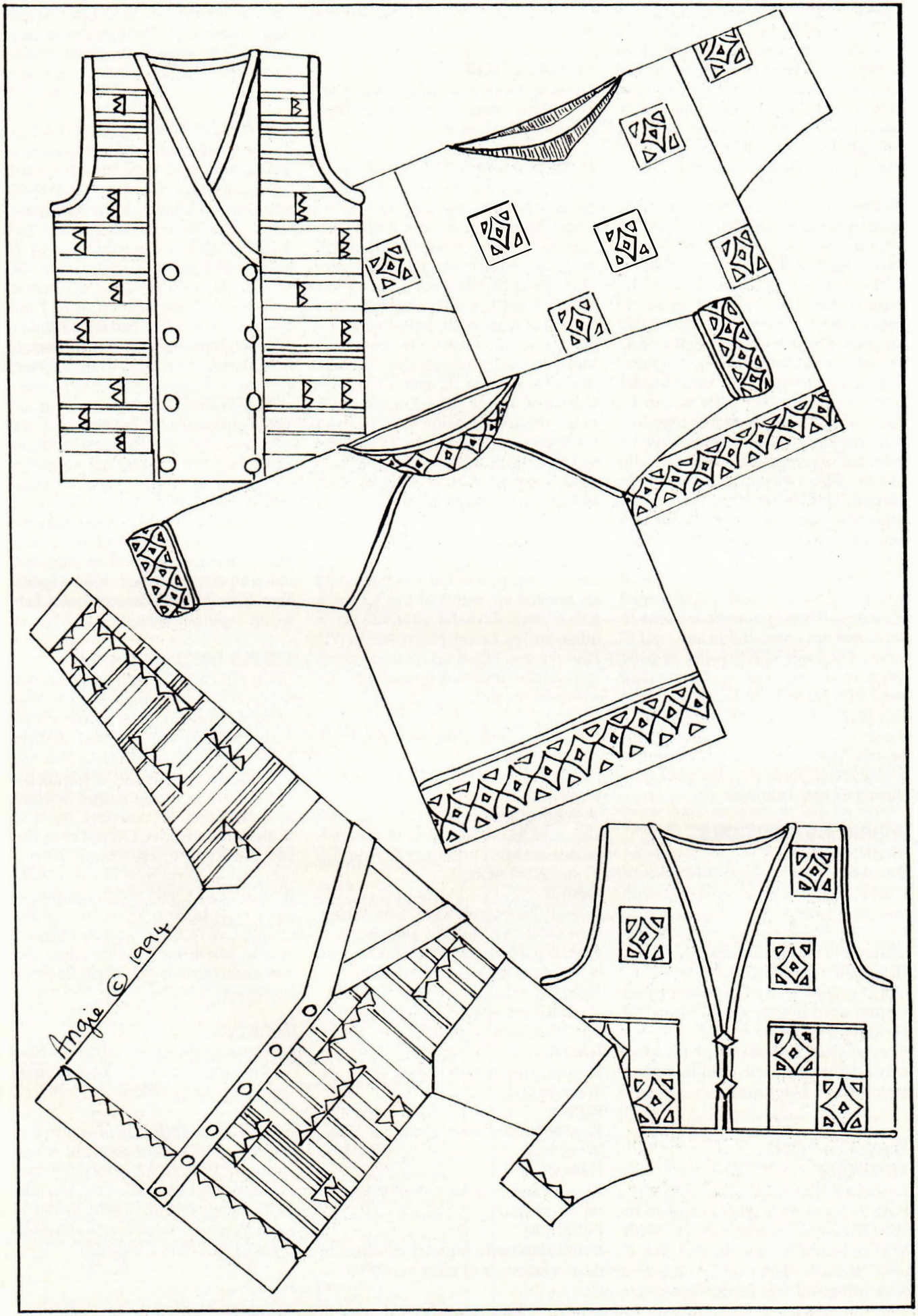
Using the fabric as a base, I have worked two designs to show how different the fabric can look with decoration. In Swatch One the decoration is created by knitting small picot hems sideways on to the fabric, producing

14 ▶

SWATCH ONE



SWATCH TWO


Angie © 1984

subtle vertical stripes. The hems have been worked in the same colour as the base fabric, making the fabric work on texture only. The hems can be worked in colour, making the background recede and the hems becoming three dimensional. Work the hems in different widths. Place them at angles or zig-zag them across the fabric.

In Swatch Two the decoration is created by using a small Fair Isle pattern with the base fabric, bringing two textures together. The Fair Isle produces a stunning finish to the fabric. The pattern has been worked as single motifs and knitted up into little squares. These have been sewn on to the fabric in a staggard format, reflecting the patterning of the deep border hem. Any Fair Isle pattern can be used. Mix different patterns together. Squares of various textures can be worked, try weaving, tuck and slip stitch. The squares can be made larger. Use both large and small squares together, any amount of squares can be placed on the fabric.

The two finished fabrics work well when used for loose and simply shaped garments. These garments are easy to layer and are comfortable and cool to wear. They will look equally as good worn in the daytime or for evening wear. For those of us heading for the beach this summer, use the fabrics to make cover-up garments, like a wrap-around skirt. The beach, of course, is a wonderful place to relax after producing all that knitting!

FABRIC INSTRUCTIONS
YARNS USED

Brockwell Yarns 1-ply Mercerised Cotton. (This can be ordered with matching lurex.)

Texere Fine Bouclé Lurex.
Bramwell Yarns Fine Flat Lurex.
Col 1 = Gold (633) 1-ply Mercerised Cotton used double with 1 strand of Gold Bouclé Lurex.
Col 2 = Dark Brown (664) 1-ply Mercerised Cotton used double with 1 strand Black Flat Lurex.

SWATCH ONE

TENSIONS

Refer to Knitmaster.
Push 35 Ns at each side of centre 0 to WP (70 Ns). Set carriage to st st. With WY in feeder 1, cast on and knit 8 rows. With cord in feeder 1, knit 1 row. Now using Col 1 in feeder 1, throughout, on tension 6, knit 8 rows. On tension 8, knit 1 row. On tension 6, knit 8 rows.

TO MAKE HEM

Hook up loops from first row of Col 1 and place evenly across needlebed. Remove cord and WY.

MAIN KNITTING

* On tension 4, knit 4 rows. On tension 10, knit 10 rows. On tension 4, knit 2 rows. On tension 10, knit 6 rows. On tension 4, knit 2 rows. On tension 6, knit 2 rows. On tension 4, knit 2 rows. On tension 10, knit 4 rows. On tension 6, knit 2 rows. On tension 4, knit 10 rows. On tension 10, knit 4 rows. On tension 4, knit 4 rows. On tension 10, knit 10 rows *. On tension 4, knit 2 rows. On tension 10, knit 6 rows. On tension 4, knit 2 rows. On tension 6, knit 2 rows. On tension 4, knit 2 rows. On tension 10, knit 4 rows. On tension 6, knit 2 rows. On tension 4, knit 10 rows. Cast off. Sew in all ends. Give swatch a light steam on wrong side.

PICOT HEMS
To Make Hems

Set carriage to st st and tension 6. With sts hooked up, with Col 1 in feeder 1, knit 6 rows. Transfer alternate sts to adjacent Ns. Leave empty Ns in WP. Knit 5 rows. Hook up sts underneath sts used for first hook up and place on to Ns. With latch tool, cast off.

Refer to Chart A for hem positions, work as follows:

Hem 1
With swatch right side facing, turn sideways. Make sure most of swatch is below sts to be hooked up #. Hook up 17 sts. Work hem.

Hem 2
+ + With swatch right side facing, turn sideways, making sure most of swatch is above sts to be hooked up + +. Hook up 15 sts. Work hem.

Hem 3
Repeat from + + to + +. Hook up 31 sts. Work hem.

Hem 4
Repeat from # to #. Hook up 15 sts. Work hem.

Hem 5
Repeat from # to #. Hook up 25 sts. Work hem.

Hem 6
Repeat from + + to + +. Hook up 25 sts. Work hem.

Finishing
Using ends and a tapestry needle, sew down end edges of picot hems.

Hems 1-4 face towards right edge of swatch. Hems 5-6 face towards left edge of swatch. Give swatch a final steam on wrong side, making sure that hems are lying flat.

SWATCH TWO

Insert punchcard A and lock on row 1. Set carriage to st st and tension 6. Push 36 Ns each side of centre 0 to WP (72 Ns). With WY in feeder 1, cast on and knit 6 rows. With cord in feeder 1, knit 1 row. With Col 2 in feeder 1, knit 22 rows. On tension 8, knit 1 row. On tension 6, knit 3 rows. Set carriage to Fair Isle and release card. With Col 2 in feeder 1 and Col 1 in feeder 2, knit 17 rows. Remove card. Set carriage to st st. With Col 2 in feeder 1, knit 2 rows.

TO MAKE HEM

Hook loops from first row of Col 2 evenly across row. Remove cord and WY.

MAIN KNITTING

With Col 1 in feeder 1, repeat from * to * as in Swatch One. On tension 4, knit 14 rows and cast off. Using ends and a tapestry needle, sew up edges of hem. Sew in ends. Give swatch a light steam on wrong side.

SINGLE MOTIF SQUARES

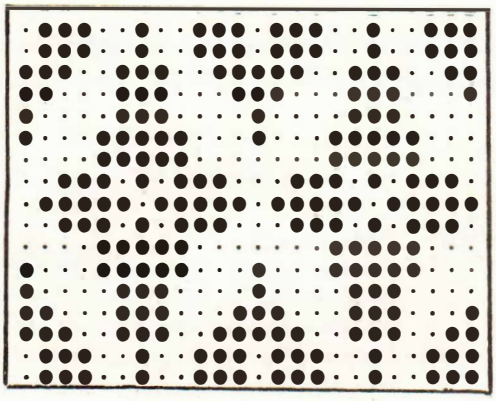
Insert punchcard B and lock on row 1. Set carriage to st st and tension 6. Push 11 Ns at left and 10 Ns at right of centre 0 to WP. With Col 2, e-wrap cast on. Knit 4 rows. Set carriage to Fair Isle and release card. With Col 2 in feeder 1 and Col 1 in feeder 2, knit 17 rows. Remove card. Set carriage to st st. With Col 2 in feeder 1, knit 4 rows and cast off. Repeat single motif instructions twice more. Sew in Col 1 ends. Referring to Chart B for position of squares, pin into place on fabric. Using Col 2 ends and a tapestry needle, sew around square edges. Secure ends. Give swatch a light steam on wrong side.

BACKING

To show up the stitch texture, I have backed each swatch. Instructions same for both swatches.

Push 36 Ns at each side of centre 0 to WP (72 Ns). Set carriage to st st and tension 6. With Col 2 in feeder 1, knit 114 rows and cast off. Sew in ends. Steam lightly on wrong side. With Col 1 and a tapestry needle, sew along top edges of swatch and backing.

Angie Gibbons



PUNCHCARD A.

Repeat = 12 Sts. & 17 rows.

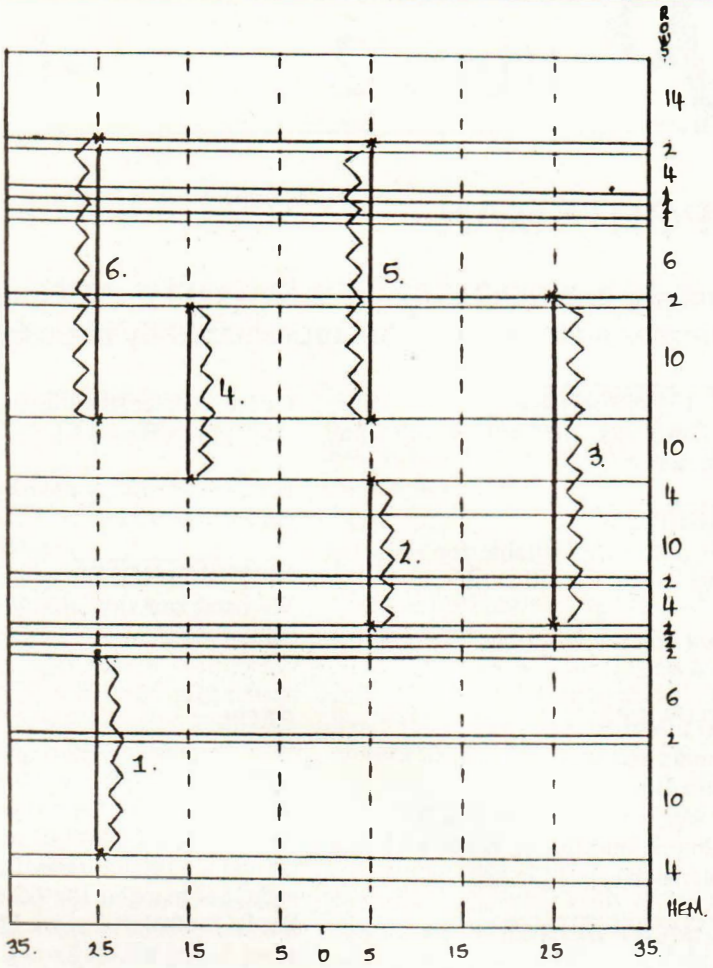


CHART A.

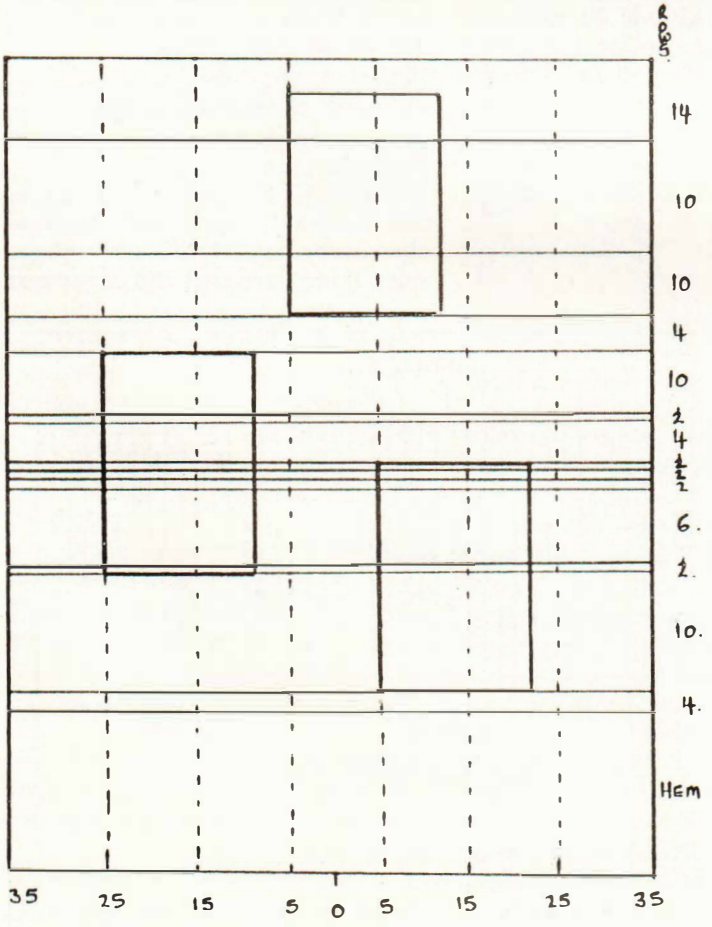
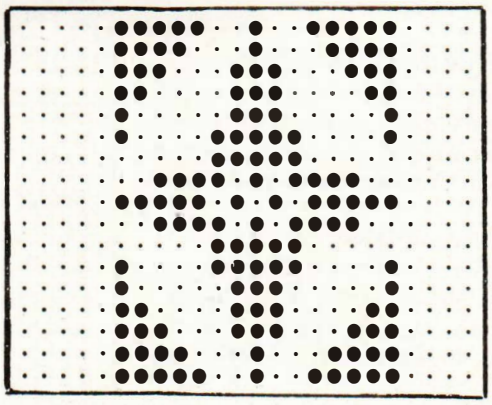


CHART B.



PUNCHCARD B.

Repeat = 15 Sts & 17 rows.

Pattern 2

SPORTSMAN

This super cabled sweater is not just for cricketers and tennis players, its sporting summer style will also be appreciated by the unauthentic male!

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
Yeoman Panama.
(Yarn Guide No. 10.)
1 x 500g cone in Cream (MC).
A small amount in Haze (A) and Primula (B).

GARMENT WEIGHT
Finished garment in second size weighs 390g.

The fibre content of this yarn is 50% Cotton, 50% Acrylic. For further information about this year, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 97 [102, 107, 112, 117, 122, 127] cm, 38 [40, 42, 44, 46, 48, 50] in.
Actual size 102 [108, 113, 119, 124, 130, 135] cm, 40 [42½, 44½, 47, 49, 51, 53] in.
Length to shoulder 66 [67, 67, 68, 68, 69, 69] cm, 26 [26½, 26½, 27, 27, 27½, 27½] in.
Sleeve seam 48 [49, 49, 50, 50, 51, 51] cm, 19 [19½, 19½, 20, 20, 20½, 20½] in.
Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
29 stitches and 37 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

BACK
With carriage at right, push 150 [158, 166, 174, 182, 190, 198] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib. Using MT-5/MT-5 and MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. K 2 rows. Using A, K 2 rows. Using MC, K 2 rows. Using B, K 2 rows. Using MC, K 20 rows. RC shows 28. Transfer sts for st st *. Inc 1 st at right edge. 151 [159, 167, 175, 183, 191, 199] sts. Set RC at 000. Using MT, cont in cable patt from chart over centre 93 Ns. K 130 rows. Place marker at each end **. K 92 [96, 96, 100, 100, 104, 104] rows. RC shows 222 [226, 226, 230, 230, 234, 234]. Place a marker at each side of centre 53 sts. Cast off.

FRONT
Work as for back to **. K 0 [0, 0, 0, 0, 4, 4] rows.

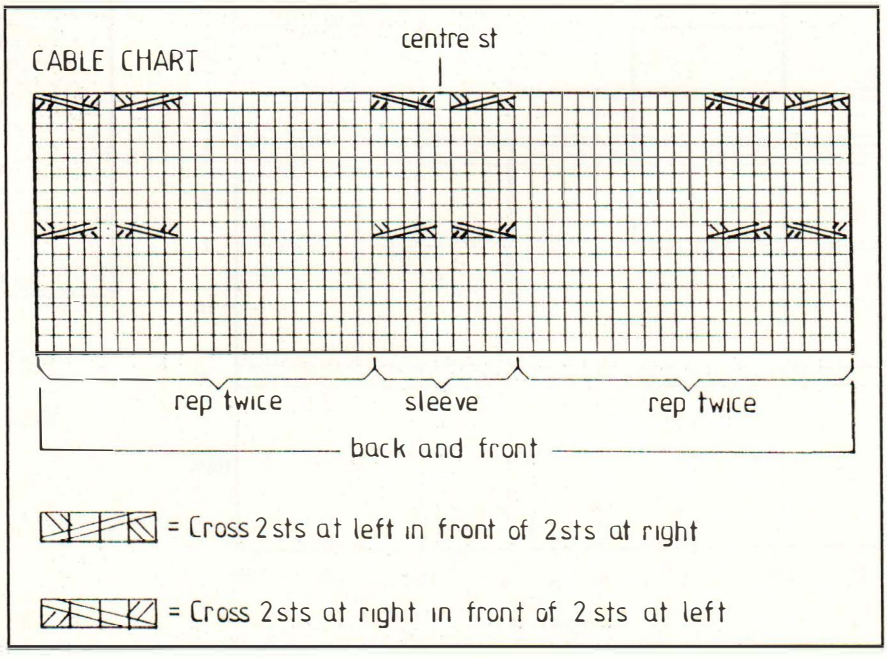
Shape Neck
Transfer centre st on to adjacent N. Using nylon cord, K 75 [79, 83, 87, 91, 95, 99] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every 3rd row until 49 [53, 57, 61, 65, 69, 73] sts rem. K 14 [18, 18, 22, 22, 22, 22] rows. Cast off. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Finish to correspond with first side, reversing shapings.

SLEEVES
With carriage at right, push 74 [82, 82, 86, 86, 94, 94] Ns on each bed at centre to WP. Work as for back from * to *.

1st, 4th and 5th Sizes
Inc 1 st at right edge.

2nd, 3rd, 6th and 7th sizes
Dec 1 st at left edge.

All Sizes
75 [81, 81, 87, 87, 93, 93] sts. Set RC at 000. Using MT, cont in cable patt from chart over centre 9 Ns. K 4 rows. Shape sides by inc 1 st at each end of next and 18▶


CABLE CHART
centre st
rep twice
sleeve
rep twice
back and front
= Cross 2 sts at left in front of 2 sts at right
= Cross 2 sts at right in front of 2 sts at left

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every foll 4th row until there are 145 [151, 151, 157, 157, 163, 163] sts. K 15 [19, 19, 22, 22, 26, 26] rows. RC shows 156 [160, 160, 163, 163, 167, 167]. Cast off.

NECKBAND

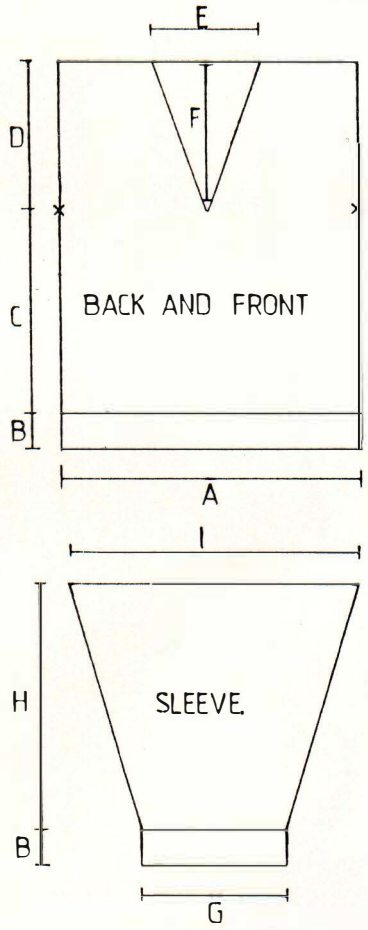
With carriage at right and using MT-5/MT-5 and MC, cast on 160 [164, 164, 168, 168, 168, 168] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Inc 1 st on each bed (by e-wrap method) at beg of every row and, AT THE SAME TIME, K 2 rows. Using A, K 2 rows. Using MC, K 2 rows. Using B, K 2 rows. Using MC, K 8 rows. 192 [196, 196, 200, 200, 200, 200] sts. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder seams. Join centre front mitre of neckband. Pin neckband into position. Unravelling WY as required, backstitch through open loops of last row worked in MC. Set in sleeves between markers. Join side and sleeve seams.



A = 52 [54.5, 57.5, 60, 63, 65.5, 68.5] cm
B = 6 cm
C = 35 cm
D = 25 [26, 26, 27, 27, 28, 28] cm
E = 18 cm
F = 25 [26, 26, 27, 27, 27, 27] cm
G = 25.5 [27.5, 27.5, 30, 30, 32, 32] cm
H = 42 [43, 43, 44, 44, 45, 45] cm
I = 50 [52, 52, 54, 54, 56, 56] cm

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MACHINE STYLE COTTON LACE INTARSIA

WOOL ROWS CHIC KNITTING SHAPES MODERN

ELECTRONIC LINKER NECKBANDS PATTERNS

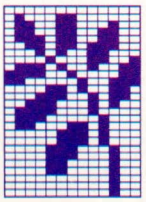
ANGORA GARMENT DOUBLE CONE LAMBSWOOL

APPLIQUE SHADES SLEEVES BORDER

E	N	I	H	C	A	M	B	S	T	Y	L	E
I	B	O	I	G	P	C	O	T	T	O	N	R
N	N	H	W	N	P	I	R	R	O	W	S	S
T	C	T	S	I	L	H	D	E	C	A	L	E
A	I	N	E	T	I	A	E	S	I	O	T	V
R	N	R	P	T	Q	L	R	V	O	E	N	E
S	O	E	A	I	U	R	E	W	R	L	E	E
I	R	D	H	N	E	S	S	P	O	B	M	L
A	T	O	S	K	O	B	N	H	I	U	R	S
L	C	M	N	N	M	Y	O	U	A	O	A	R
O	E	I	M	A	N	G	O	R	A	D	G	O
O	L	U	L	S	D	N	A	B	K	C	E	N
W	E	T	P	A	T	T	E	R	N	S	H	S

RULES

1. You should print your answer clearly on a postcard or on the back of an envelope together with your name and address and send it to: August Competition, Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.
2. The competition is open to residents in the UK only, except employees of Modern Knitting Ltd., the magazine's typesetter, printer, distributor, employees of this month's sponsor and their relatives.
3. Your entry must reach us by 31st August 1994 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winners will be the first five entries drawn from our postbag after the closing date.
6. The winners will be notified in writing and the competition result will be published in a future issue of Modern Machine Knitting.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.



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D4

Pattern 3

FLOWER BORDER

Eyelets, lacy ribs and bobble-knit flowers combine to make the prettiest summer cardigans. Choose long sleeves or full short sleeves for this design in Robin Diamante DK

PATTERN RATING
*** For fairly experienced knitters.

MACHINES
This pattern is suitable for 6.5 mm double knitting machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
Robin Diamante DK.
(Yarn Guide No. 14.)

CARDIGAN 1
8 [9, 10, 11] x 50g balls in White (A).
1 [1, 2, 2] x 50g balls in Mauve (B).
1 x 50g ball in Pink (C).
1 x 50g ball in Yellow (D).

CARDIGAN 2
7 [8, 9, 10] x 50g balls in Mauve (A).
1 x 50g ball in White (B).
1 x 50g ball in Pink (C).
1 x 50g ball in Yellow (D).

BOTH VERSIONS
A small amount in Green (E) for embroidery.
8 buttons.

The fibre content of this yarn is 87% Acrylic, 13% Nylon. For further information about this year, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 71-76 [82-87, 92-97, 102-107] cm, 28-30 [32-34, 36-38, 40-42] in.
Actual size 85 [92, 107, 114] cm, 33½ [36½, 42, 45] in.
Length to shoulder 56 [59, 61, 64] cm, 22 [23½, 24, 25½] in.
Long sleeve seam 43 [46, 46, 48] cm, 17 [18, 18, 19] in.
Short sleeve seam 10 [11, 13, 14] cm, 4 [4½, 5, 5½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
22 stitches and 30 rows to 10 cm, 4 in measured over the lace pattern and stocking stitch (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

Garter Stitch
K 2 rows. Drop every st 1 row down and pick up as for ribbing.

CARDIGAN 1

BACK
Push 97 [105, 121, 129] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using B, K 14 rows. Using A, K 4 rows garter st. Dec 1 st. 96 [104, 120, 128] sts. Cont in lace patt from chart 1. K 66 rows. RC shows 84.

Shape Armholes
Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of next and every foll alt row until 70 [78, 94, 102] sts rem. K 43 [53, 59, 67] rows. RC shows 144 [154, 160, 168]. Place a marker at each side of centre 36 [38, 42, 44] sts. Cast off.

RIGHT FRONT
Push 45 [49, 57, 61] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using B, K 14 rows. Using A, K 4 rows garter st. Dec 1 st at right edge. 44 [48, 56, 60] sts. Cont in lace patt from chart 1 over 40 [48, 56, 56] Ns at right, leaving 4 [0, 0, 4] Ns at left in st st. K 66 rows. RC shows 84.

Shape Armhole
Cast off 5 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 31 [35, 43, 47] sts rem. K 4 [14, 20, 28] rows.

Shape Neck
Cast off 4 [5, 7, 8] sts at beg of next row. Dec 1 st at neck edge of next and every foll alt row until 17 [20, 26, 29] sts rem. K 19 rows. Cast off.

LEFT FRONT
Work as for right front, reversing shapings by reading left for right and right for left.

SLEEVES
Push 63 [63, 71, 79] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using B, K 14 rows. Using A, K 4 rows garter st. Inc 1 st. 64 [64, 72, 80] sts. Cont in lace patt from chart 1, K 6 [4, 4, 2] rows. Shape sides by inc 1 st at each end of next and every foll 7th [5th, 5th, 5th] row until there are 86 [98, 106, 118] sts. K 11 [11, 11, 9] rows. RC shows 106 [114, 114, 120].

Shape Top
* Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of next and every foll alt row until 42 [50, 50, 58] sts rem, then on every row until 16 sts rem. Cast off *

BACK WELT
Using A, cast on 85 [97, 109, 121] sts by hand. * Set RC at 000. Using MT-1, cont in lace rib from chart 2. K 24 rows. Using WY, K a few rows in st st and release from machine, leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY *. With P side of back facing, replace sts on to Ns dec evenly. Using MT + 1 and A, K 1 row. Cast off.

RIGHT FRONT WELT
Using A, cast on 39 [45, 51, 57] sts by 22 ▶

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hand. Set RC at 000. Using MT + 1, cont in lace rib from chart 3. K 24 rows. Using WY, K a few rows in st st and release from machine, leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. With P side of right front facing, replace sts on to Ns, dec evenly. Using MT + 1 and A, K 1 row. Cast off.

LEFT FRONT WELT

Work as for right front welt but read left front for right front and chart 4 for chart 3.

CUFFS

Using A, cast on 41 [49, 49, 53] sts by hand. Work as for back welt from * to *. With P side of sleeve facing, replace sts on to Ns, dec evenly. Using MT + 1 and A, K 1 row. Cast off.

BUTTONHOLE BAND

With carriage at right and using A, cast on 113 [119, 127, 133] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 4 rows. Counting from left edge, make double eyelet buttonholes over 5th and 6th Ns and every foll 15th and 16th [16th and 17th, 17th and 18th, 18th and 19th] Ns. K 4 rows. Transfer sts for st st. With P side facing, pick up sts along front edge and place on to Ns. Using MT + 1, K 1 row. Cast off.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

NECKBAND

Join shoulder seams. With carriage at right and using A, cast on 131 [135, 143, 147] sts in 1x1 rib. K 3 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 4 rows. Counting from left edge, make a double eyelet buttonhole over 4th and 5th Ns. K 4 rows. Transfer sts for st st. With P side facing, pick up sts around neck edge and place on to Ns. Using MT + 1, K 1 row. Cast off.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on ball band.

MAKING UP

Set in sleeves. Join side and sleeve seams. Sew on buttons.

BOBBLES

Machine Knit

Push 3 Ns to WP. With K side facing, pick up st marked on chart 5 and place on to centre N. Using MT-1 and appropriate colour, K 2 rows. Move edge sts 1 N out. Pick up loops and place on to empty Ns. 5 sts. K 2 rows. Dec 1 st at each end of next 2 rows. 1 st. Pick up marked st and place on to N. Cast off. Pull ends to wrong side and sew in.

Hand Knit (Optional)

With K side facing and using 3¼ mm needles and appropriate colour, pick up and K into st marked on chart 5 as follows:- K 1, yf, K 1, yf, K 1, turn, P 5, turn, K 5, turn, P 2 tog, P 1, P 2 tog, turn, sl 1, P 2 tog, psso. Fasten off. Pull ends to wrong side and sew in.

TO COMPLETE

Embroider leaves in E as shown on chart.

CARDIGAN 2

Work exactly as for cardigan 1, except for sleeves and cuffs.

SLEEVES

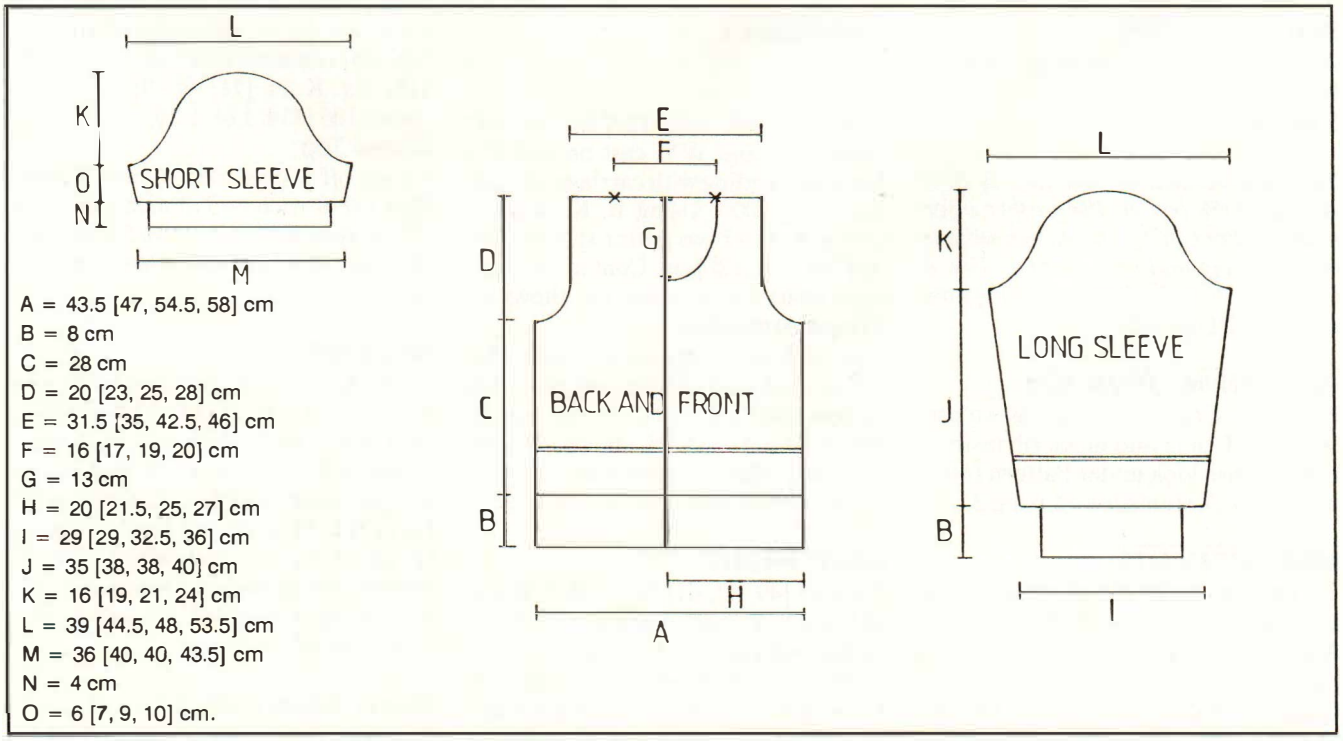
Push 80 [88, 88, 96] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using A, cont in patt from chart 1. K 2 rows. Shape sides by inc 1 st at each end of next and every foll 3rd [3rd, 2nd, 2nd] row until there are 86 [98, 106, 118] sts. K 9 [7, 9, 7] rows. RC shows 18 [22, 28, 30].

Shape Top

Work as for top of sleeve for cardigan 1 from * to *.

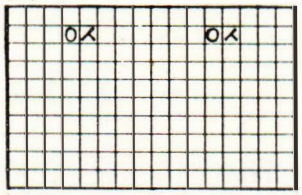
CUFFS

Using A, cast on 61 [61, 73, 73] sts by hand. Set RC at 000. Using MT-1, cont in lace rib from chart 2. K 12 rows. Using WY, K a few rows in st st and release from machine, leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. With P side of sleeve facing, replace sts on to Ns, dec evenly. Using MT + 1 and A, K 1 row. Cast off.

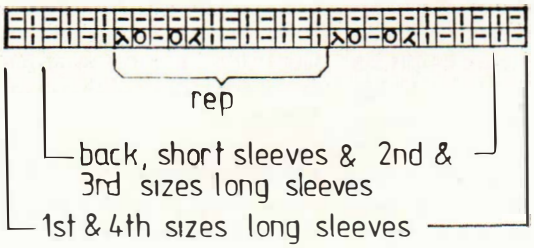


A = 43.5 [47, 54.5, 58] cm
B = 8 cm
C = 28 cm
D = 20 [23, 25, 28] cm
E = 31.5 [35, 42.5, 46] cm
F = 16 [17, 19, 20] cm
G = 13 cm
H = 20 [21.5, 25, 27] cm
I = 29 [29, 32.5, 36] cm
J = 35 [38, 38, 40] cm
K = 16 [19, 21, 24] cm
L = 39 [44.5, 48, 53.5] cm
M = 36 [40, 40, 43.5] cm
N = 4 cm
O = 6 [7, 9, 10] cm.

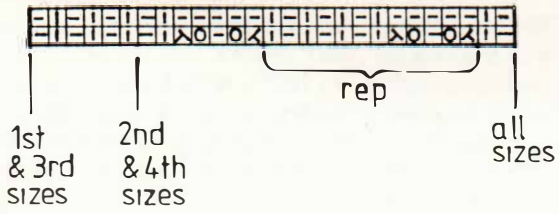
LACE PATTERN
CHART 1



LACE RIB
CHART 2



LACE RIB
CHART 3



LACE RIB
CHART 4

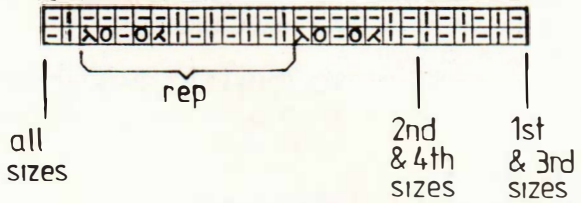
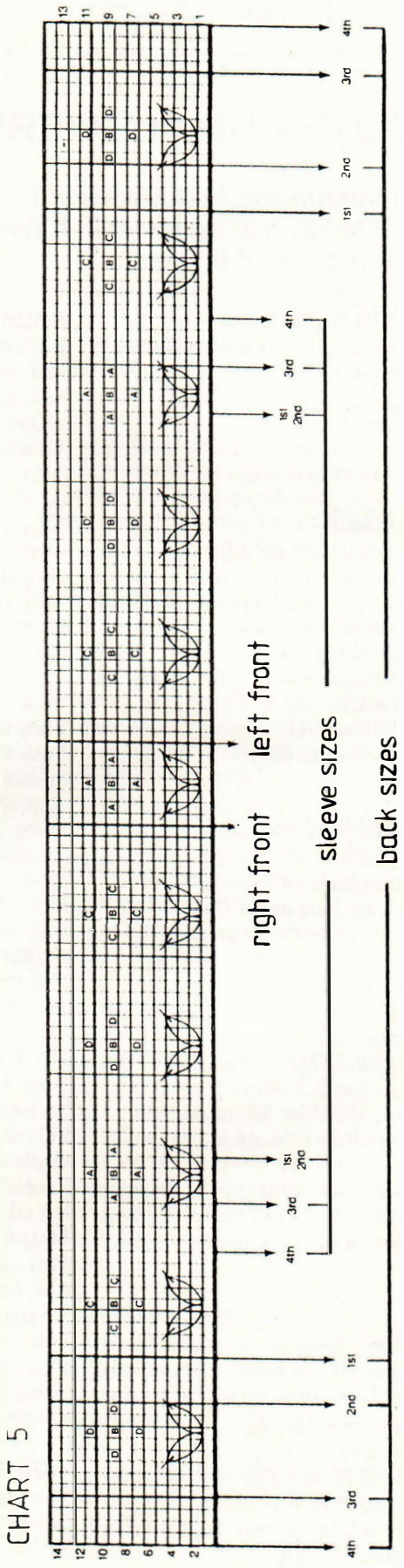


CHART 5



X O = Transfer st at right onto N at left leave empty N in WP

O X = Transfer st at left onto N at right leave empty N in WP

1 = Drop st and pick up as for ribbing

Pattern 4

PICOTS AND FLOWERS

A summer jacket in fluffy white from the Silver Reed International Collection swings from a single button fastening, its picoted edges tipped with blue and yellow to match the embroidered flowers

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for Silver Reed 9 mm chunky machines.

MATERIALS
The original yarn used for this design is not available in this country, but we suggest your own choice of **Extra Thick Mohair-type yarn.**
(Yarn Guide No. 19.)
Approximately 450 [500, 500]g in White (MC).
30g in Yellow (A).
20g in Turquoise (B).
1 button.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 76-87 [92-102] cm, 30-34 [36-40] in.
Actual size 100 [115] cm, 39½ [45½] in.
Length to shoulder 58 cm, 23 in.
Sleeve seam 45.5 cm, 18 in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION
13 stitches and 18 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

BACK
Push 67 [77] Ns to WP. * Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-3 and MC, K 4 rows. Using A, K 2 rows. Transfer every alt st on to its adjacent N. Leave empty Ns in WP. Using MT-1, K 2 rows. Using MC, K 4 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed *. Set RC at 000. Using MT, K 10 rows. Cont in patt from chart, K 14 rows. Cont in st st. K 30 rows. RC shows 54. Place marker at each end. K 42 rows.

Shape Neck
Push 43 [48] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of next 3 rows. 21 [26] sts. K 1 row. Using WY, K a few rows and release from machine. With carriage at right, push 19 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

LEFT FRONT
Push 32 [37] Ns to WP. Work as for back from * to *. Set RC at 000. Using MT, K 10 rows. Cont in patt from chart, K 14 rows. Cont in st st. K 30 rows. RC shows 54. Place a marker at left edge. K 30 rows.

Shape Neck
Cast off 4 sts at beg of next row, K 1 row. Cast off 2 sts at beg of next row. K 1 row. Dec 1 st at beg of next and foll 3 alt rows, K 2 rows. Dec 1 st at neck edge of next row. 21 [26] sts. K 2 rows. Using WY, K a few rows and release from machine.

RIGHT FRONT
Work as for left front, reversing shapings by reading left for right and right for left.

SLEEVES
Push 31 Ns to WP. Work as for back from * to *. Set RC at 000. Using MT, K 4 rows. Shape sides by inc 1 st at each end of next and foll 5th row. Cont in patt from chart. K 4 rows. Inc 1 st at each end of next and foll 5th row, K 3 rows. Inc 1 st at each end of next row. Cont in st st. Inc 1 st at each end of every 4th row until there are 65 sts. K 5 rows. RC shows 77. Cast off.

FRONT BANDS
Push 57 Ns to WP. * Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT-3 and MC, K 4 rows. Using MT-1 and B, K 2 rows. Transfer every alt st on to its adjacent N. Leave empty Ns in WP. K 2 rows. Using MC, K 4 rows. Using WY, K a few rows and release from machine, leaving Ns in WP. With K side facing, replace sts on to Ns *. With P side of front facing, pick up sts along front edge and place on to Ns. Using MT, K 1 row. Cast off. Fold in half to inside and graft sts.

TO JOIN RIGHT SHOULDER
Push 21 [26] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

TO JOIN LEFT SHOULDER
Work as for right shoulder but read left for right.

NECKBAND
Push 73 Ns to WP. Work as for front bands from * to *. With P side facing, pick up 23 sts up left front neck, 27 sts around back neck and 23 sts down right front neck and place on to Ns. Unravel WY. Using MT, K 1 row. Cast off.

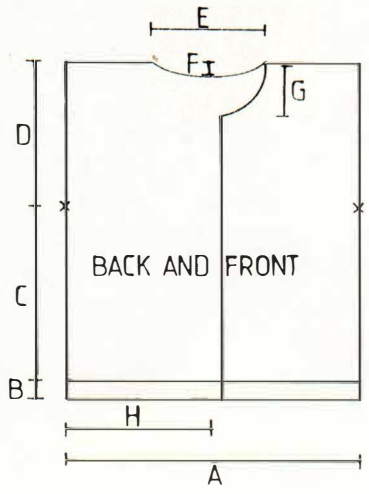
PRESSING
With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

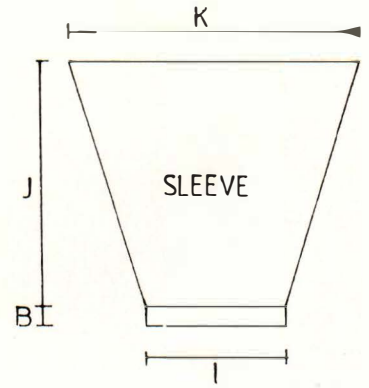
26 ▶

MAKING UP

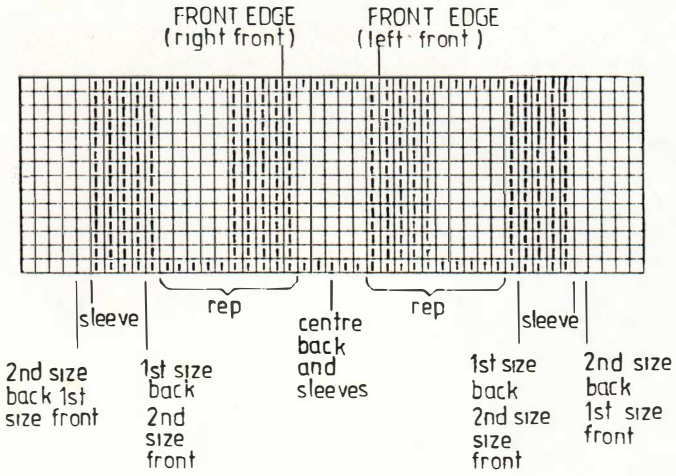
Set in sleeves between markers. Join side and sleeve seams. Fold neckband in half to inside and graft sts. Neaten ends of neckband. Make a buttonhole on the top of right front band as shown in diagram. Sew on button. Embroider flowers as shown on diagram and photograph.

A = 51.5 [59] cm
B = 3 cm
C = 30 cm
D = 25 cm
E = 19 cm
F = 2 cm
G = 9 cm
H = 24 [28] cm
I = 23.5 cm
J = 42.5 cm
K = 50 cm



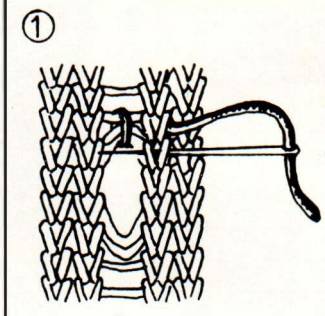


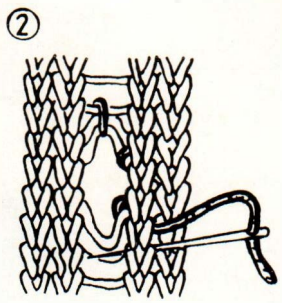
CHART

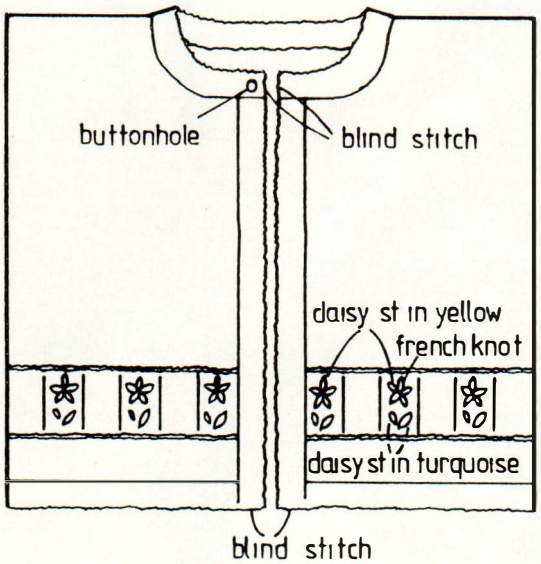


1 = Drop st and reform (do not drop edge sts)

HOW TO MAKE A BUTTONHOLE







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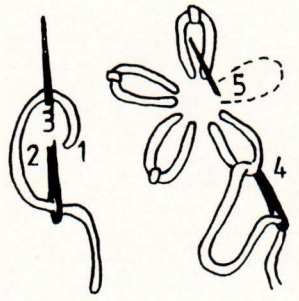

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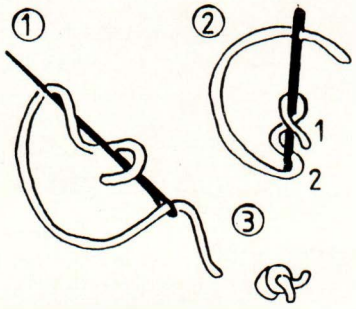

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Pattern 5

SIMPLY SUMMER

Light and lovely, a top in a slubby mix of cotton with nylon. The design details are simple but so effective - centred panels of ladder stitch and eyelet 'perforations' at the welts

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

MATERIALS
Celandine Nibbiolo.
(Yarn Guide No. 9.)
1 x 250g cone in Lilac (MY).

GARMENT WEIGHT
Finished garment in second size weighs 150g.

The fibre content of this yarn is 80% Cotton, 20% Nylon Slub. For further information about this yarn, please write to the following address:- Celandine Limited, 44 Kirkgate, Otley, West Yorkshire LS21 2HJ.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 82 [87, 92, 97, 102] cm, 32 [34, 36, 38, 40] in.
Actual size 104 [109, 114, 119, 124] cm, 41 [43, 45, 47, 49] in.
Length to shoulder 50.5 [50.5, 52, 52, 53.5] cm, 20 [20, 20½, 20½, 21] in.
Sleeve seam 13 cm, 5 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
31 stitches and 70 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 2).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Count Ns in NWP as sts throughout.

BACK
With carriage at right and using MT-2/MT-2 and MY, cast on 163 [171, 179, 187, 195] sts in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. K 20 rows. Transfer ribber sts to adjacent Ns in WP on main bed. Push empty Ns on main bed to WP for st st. (This will give a row of holes above rib.) Push the 1st and every foll 4th N back to NWP over centre 21 Ns *. Set RC at 000. Using MT, K 161 rows.

Shape Armholes
Cast off 12 sts at beg of next 2 rows. 139 [147, 155, 163, 171] sts **. K 147 [147, 157, 157, 167] rows. RC shows 310 [310, 320, 320, 330].

Shape Neck
Using a length of MY, cast off centre 43 sts. Push 48 [52, 56, 60, 64] Ns at left to HP. Cont on rem sts for first side. K 1 row. Cast off 4 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll 5 alt rows, K 1 row. Dec 1 st at beg of next and foll 2 alt rows. 25 [29, 33, 37, 41] sts. K 2 rows. Cast off. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

FRONT
Work as for back to **. K 87 [87, 97, 97, 107] rows. RC shows 250 [250, 260, 260, 270].

Shape Neck
Transfer centre st on to adjacent N. Push 69 [73, 77, 81, 85] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge of every row until 65 [69, 73, 77, 81] sts rem, then on every foll alt row until 25 [29, 33, 37, 41] sts rem. Cast off. with carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES
With carriage at right and using MT-2/MT-2 and MY, cast on 119 [119, 127, 127, 135] sts in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st (1 st in, do not pick up loop) at each end of every 3rd row until there are 161 [161, 169, 169, 179] sts. K 7 [7, 7, 7, 4] rows. RC shows 70. Cast off.

RIGHT AND BACK NECKBAND
Join right shoulder seam. With carriage at right and using MT-2/MT-2 and MY, cast on 142 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. K 1 row. Inc 1 st at left edge on next and foll 9 alt rows. 152 sts. Transfer sts for st st. Using MT-1, K 1 row. With P side facing, pick up 90 sts around back neck and 62 sts along right front neck and place on to Ns. Using MT + 1, K 1 row. Cast off.

LEFT NECKBAND
With carriage at right and using MT-2/MT-2 and MY, cast on 52 sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. K 1 row. Inc 1 st at right edge on next and foll 9 alt rows. 62 sts. Transfer sts for st st. Using MT-1, K 1 row. With P side facing, pick up 62 sts along left front neck and place on to Ns. Using MT + 1, K 1 row. Cast off.

MAKING UP
Join left shoulder and neckband seam. Join centre front mitre. Join side and sleeve seams. Set in sleeves, stretching slightly.

31▶

Skirt, KAYS. Bracelet, JANET COLES BEADS. Hat, DOROTHY PERKINS.

Helpline

Let us help you with your machine knitting queries. Our team of experts are here to advise on all aspects of machine knitting

Patience and a sense of humour are essential ingredients for machine knitting. Without a generous dose of both we would all be nervous wrecks as the letter from Anne Lassetter of Benfleet, Essex, illustrates. She wrote to us:

'I thought your readers would like to read of my trials of setting up my newly acquired ribber, in a lighthearted manner.

I bought myself a ribber, for my standard gauge machine.
It was second-hand of course, a new one's just a dream.
Fetched the bits home in a box, instruction book as well.
Set to work to fix it up, made my brainbox yell.
Where did he say this bit went? Isn't in the book.
How does this bit clamp on that? What about this hook?
What's that on the end there? It's driving me quite dizzy.
Take it slowly, concentrate, don't get in a tizzy.
Now sit me down and read again, got it! That's the ticket.
Then put on the carriage bit, just make sure you click it.
Casted on the first row, got the comb on straight.
Dreams of jumpers with neat ribs, what's the going rate?
Took the rib off with the tool that looks so complicated.
'Cor that bit was easy, it's highly overrated.
Now let down the ribber, it's made me a nervous wreck.
I half expected it to fall bang on the blooming deck.
Main machine is now fitted up we can get cracking.
Oh! it's all gone blessed wrong, wonder what was lacking?
Every stitch has fallen off, the yarn was not quite threaded.
I didn't take it underneath, I should be beheaded . . .

The typewriter is newly acquired as well, so please excuse my errors. Mind you it's easier to learn than a knitting machine (or is it?). Since writing this I have managed to knit a jumper using the ribber.'

Thank you, Anne, for sharing your experience with us. Making mistakes and forgetting important steps is all part of learning. As long as we know what went wrong we can put it right and not make the same mistake again. I bet you double check that the yarn is threaded correctly! Much as I hate routine in most things, when it comes to a sequence of operations in machine knitting, I stick to one until it becomes second nature. This keeps operator errors to a minimum. Threading the yarn and closing the feeder gate is a good example. We would love to know how you progress with your typewriter. I am afraid I cannot comment as to which of the two, the typewriter or the knitting machine, is easier to learn. After nearly 15 years of using computers and word processors, I still only use two fingers!

Even plenty of patience and humour is sometimes not enough to cope with idiosyncrasies of knitting machines and accessories, they just seem to have a mind of their own. Mrs P. Croly of Banbury, Oxfordshire, writes:

'Can you please help me with my ribber? I bought a second-hand Knitmaster Zippy machine last October and just before Christmas decided to treat myself to a ribber. I bought a Silver Reed SRP70 model and since then disaster! Try as I might I can't understand what I am doing wrong. It drops the stitches at the beginning of the row. I can usually manage to do the cast-on rows, then put the tension up to number 2 or 3 and sometimes do two rows, sometimes eight rows and then it starts dropping the stitches. Occasionally I can do all the rib of a welt without any stitches dropping but it's very rare. Sometimes it drops six or more stitches from both beds, sometimes half a row. Can you please help me before I go potty? What am I doing wrong?'

I am sorry the ribber has caused you such distress, Mrs Croly. I feel that the problems you are experiencing could be due to incorrect setting on the auto tension unit. Auto tension setting will vary from yarn to yarn. Test it as follows: Cast on 100 stitches on the main bed and knit a few rows on the chosen tension dial setting. Watch the end ten needles on the left edge as you knit. If these needles move out of alignment then your auto tension setting is too tight and you need to loosen the tension to ease the yarn flow. You will know if the tension is too loose as loops will form at the edge, particularly the right edge. Incorrect setting on the knitter and/or ribber tension dials can also be responsible for dropped stitches. If you know the correct tension setting for the main fabric, use it as a guideline for determining the tension settings for knitting 1x1 rib, it is generally two to three numbers tighter. Knit the zig-zag cast-on row for the rib one or two whole numbers tighter than the main rib and graduate to the rib tension whilst knitting the circular rows. For example, if the main body of the garment is to be knitted at tension 6, knit 1x1 rib at tension 3. Knit the zig-zag row at tension 1, change to tension 2 for the circular rows and to tension 3 for the rib.

If after sorting out the tension you still have problems with dropped stitches, check whether the needle retaining bar on the ribber needs changing. If the ribber is second-hand it may well need a new bar as the sponge material of the bar deteriorates with use and time.

Still on the subject of ribbers, Mrs Sheila McLachlan of Newcastle-under-Lyme, Staffordshire, writes:

'I bought a Silver Reed knitting machine and ribber and last October changed the knitter for an electronic. I never had a problem with the ribber but find needles on the electronic stiff to move forward. Is this normal? It is oiled and cleaned regularly. Every now and again needles have to be

changed as either the latch bends or is completely broken off. I have used eight since Christmas. The material covering the retainer bar has become ragged, so I took it off. Should that matter?

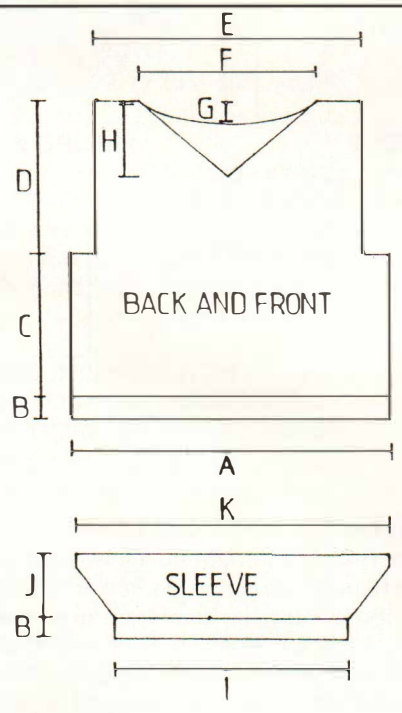
When knitting a rib it sometimes seems to catch and spoil the knitting. I hold the cast-on comb with my hands to keep it away from the machine to stop it from catching. Surely I shouldn't need to do this?'

Needles are always a little stiff on a new knitting machine - like a new car a knitting machine needs to 'run in'. Routine cleaning and oiling are important but use oil sparingly, particularly on an electronic machine. Always remove old oil before applying new as oil build-up can also cause the carriage and needles to move stiffly. The sponge in the needle retaining bar is an important part of the bar and has a specific function in holding the needles down as the carriage moves the needles back and forth. If the sponge bar loses its spring it will not hold the needles down and the needles from one bed can catch in the hooks of the other when both beds are used, causing damage. This may well be the reason why the needles are getting damaged. Usually if the material is only slightly frayed you could cut off bits of loose thread with sharp scissors but if it is badly worn off you need to replace the whole bar and, from what you say, I am quite sure you need a new needle retaining bar.

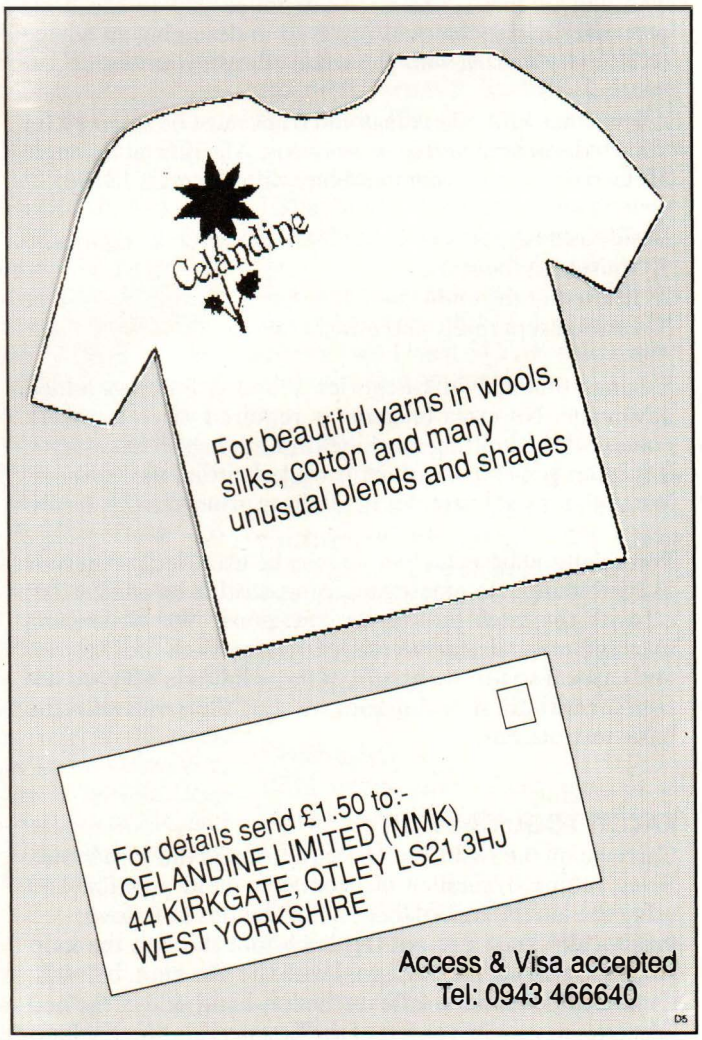
No, you should not have to hold the cast-on comb while knitting. Are you hanging the cast-on comb correctly and distributing the weights uniformly? The centre of the comb must be lined up with the centre of the bed to allow the comb to hang horizontally. Mark the centre of the comb with a felt tip pen or nail varnish to help align it. When hanging weights make sure that they are hung in the right holes on the comb to allow the comb to move down vertically. If the comb tilts and moves down at an angle it is very likely to make stitches pile up and catch.

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting - your query might help others too! Please send your letters to Modern Knitting Helpline, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We'll send a Modern Knitting binder to readers whose letters we publish.

◀ 29



A = 52.5 [55, 57.5, 60, 62.5] cm
B = 3 cm
C = 23 cm
D = 24.5 [24.5, 26, 26, 27.5] cm
E = 44.5 [47, 50, 52.5, 55] cm
F = 29 cm
G = 3.5 cm
H = 12 cm
I = 38 [38, 40.5, 40.5, 43.5] cm
J = 10 cm
K = 51.5 [51.5, 54.5, 54.5, 57.5] cm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Trims, edgings and braids

LATCH TOOL MAGIC

Kamalini Trentham's fascination with the amazing latch tool goes back to when she bought her first knitting machine, a very basic single bed Passap in 1969, as she found it easier to use than the crochet hook. This month she starts a new series for us on Trims, Edgings and Braids

I had always been intrigued by the versatility of a crochet hook, but with my repertoire limited to just chain stitch, I wondered if I could simulate a crochet-look on the knitting machine. Since then I have had hours of fun with the latch tool and discovered that the knitting machine is capable of producing an infinite variety of trims, edgings and braids. The process of designing these invaluable aids to knitting is both challenging and rewarding.

Trims, braids and edgings not only provide an alternative to the ribbed welt or doubled hem but also add the detail which enhances the overall effect that makes a garment unique.

The aim of this series is to introduce you to the basic principles and techniques involved in designing an edging or braid by sharing with you some of my favourites.

All machine knitted edgings and trims must be steamed for them to look right and to lie properly. Always knit a sample of the trim to see its compatibility with the main fabric.

Braids and edgings can be divided into three categories:
1. Knitted at the start.
2. Knitted at the end.
3. Knitted separately and attached later.

Edgings that fall in categories 1 and 2 have an added advantage. No extra finishing is required when the work comes off the knitting machine! For edgings in category 3, it is often possible to attach it while knitting the garment. We shall look at examples of all these groups in this series.

Potentially all basic techniques can be used, individually or in combination, to create an edging, casting on and casting off with the latch tool as the backbone. Not all knitting machine manuals carry instructions for latch tool cast-on and cast-off so for the benefit of those knitters who are not familiar with these techniques we start the series with the basic instructions.

LATCH TOOL CAST ON

Carriage on the right. Thread yarn through the yarn break. Bring required number of needles to hold position and using the latch tool, crochet on the needles as follows: make a slip knot and put the latch tool through the loop (Figure 1). Bring the latch tool with the slip knot, between the first and second needle on the left-hand side of the bed keeping the yarn on the left of the first needle. Slip the knot behind the latch and catch yarn with the hook. Pull yarn through the loop of the knot. Move the tool slightly to the right and bring it up between the second and the third needle (Figure 2). Push the latch tool far enough up to slip the stitch on the tool behind the latch, catch yarn in the hook and pull through. Repeat until all the needles except the last one have been cast on. When you get to the last needle, slip the loop from the latch tool on to the last needle (Figure 3). This completes the cast on.

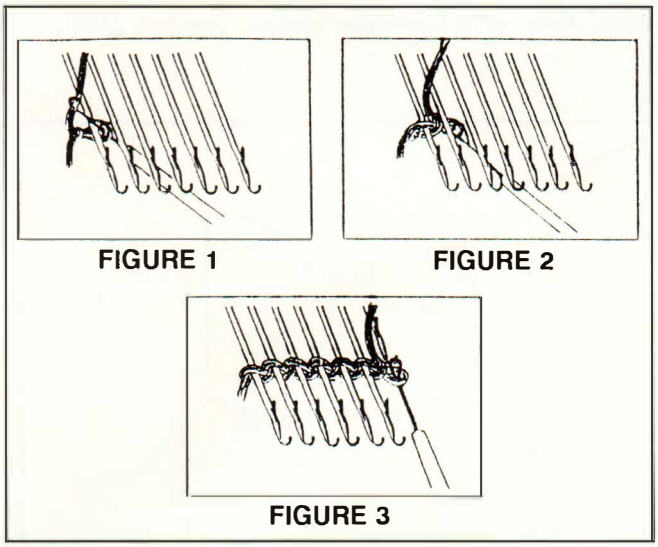


FIGURE 1

FIGURE 2

FIGURE 3

CROCHET OR LATCH TOOL CAST-OFF

Knit the last row from left to right on a tension at least **five numbers looser** than the main tension. If you cannot go five whole numbers looser than the main tension you will need to knit the last row manually. This is done as follows: bring all the needles to hold position and then pushing them back towards UWP carefully so that the stitch just slides behind the latch. Lay the yarn across the latches, making sure that **all the latches are open**, and move them further towards WP so that the latches close on the yarn. Now push the needles back one by one making the stitch the size required. Using the latch tool and starting at the left (opposite side of the carriage), slip the first stitch on to the latch of the tool (Figure 1). Push the tool up until the stitch slides behind the latch. Holding the first stitch behind the latch of the tool with the forefinger, slip the second stitch into the hook of the latch (Figure 2) and pull through the first stitch (Figure 3). Repeat until the last stitch has been pulled through. Break yarn and pull through the stitch to seal the cast off (Figure 4).

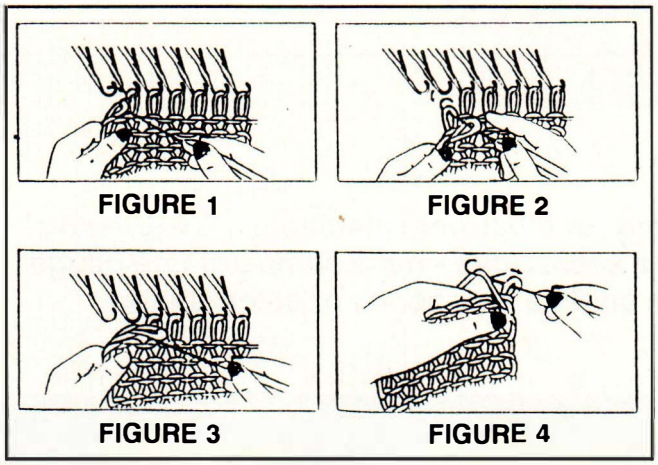
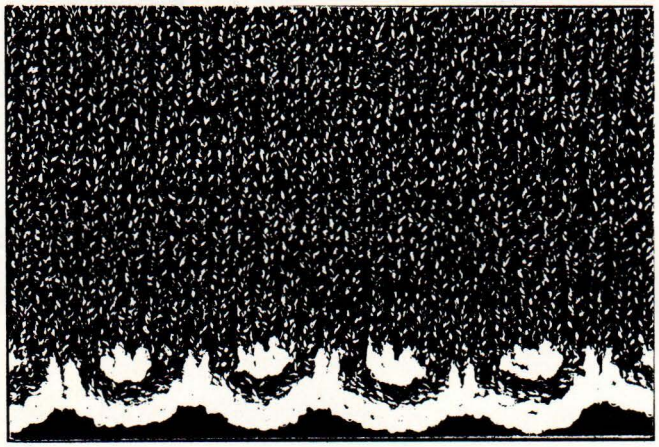


FIGURE 1 FIGURE 2

FIGURE 3 FIGURE 4

SAMPLE 1 - CHAIN SCALLOPS

Knit this sample in two colours. This edging is a repeat of six stitches, so the number of stitches used must be a multiple of six plus two stitches (one either side) for the seam. Samples have been knitted without a seam stitch.



1. Bring required number of needles to hold position and set carriage to knit them back. Carriage on right.
2. Using colour 1, crochet cast-on from left to right.
3. Drop stitches off the second, third, fourth, fifth and sixth needle from the left by pushing the needles to B position and then back to hold position. Leave the next stitch on the needle and drop the next five. Continue dropping five stitches and leaving one on to the end.

The needle set up looks as illustrated below.

| 0 0 0 0 0 | 0 0 0 0 0 | 0 0 0 0 0 | 0 0 0 0 0 |

| = Needles with stitch

0 = Needles from which the stitch has been dropped

4. Bring all empty needles to hold position.
5. Using colour 2, crochet cast-on again from left to right.
6. Keeping the first two stitches on the needles, drop the next three, * leave next three and drop next three *. Repeat from * to * to the end two stitches.

The needle set up now looks as follows:

| J 0 0 0 J | J 0 0 0 J | J 0 0 0 J | J 0 0 0 J |

| = Needles with 2 stitches

J = Needles with 1 stitch

0 = Needles from which the stitch has been dropped

7. Bring all empty needles to hold position.
8. Using colour 1, crochet cast-on once again on all needles.
9. Keeping the first three stitches on the needles, drop the next one and then drop the stitch from every sixth needle as shown in the final needle set-up below.

| J L 0 L J | J L 0 L J | J L 0 L J | J L 0 L J |

| = Needles with 3 stitches

J = Needles with 2 stitches

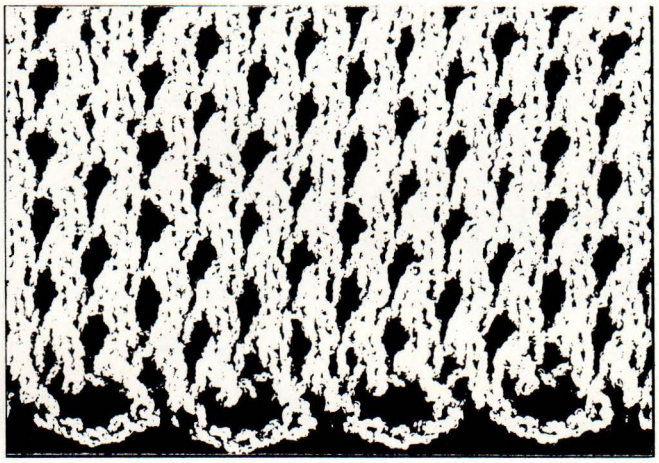
L = Needles with 1 stitch

0 = Needles from which the stitch has been dropped

10. Thread with colour 2 and knit in any stitch pattern of your choice.

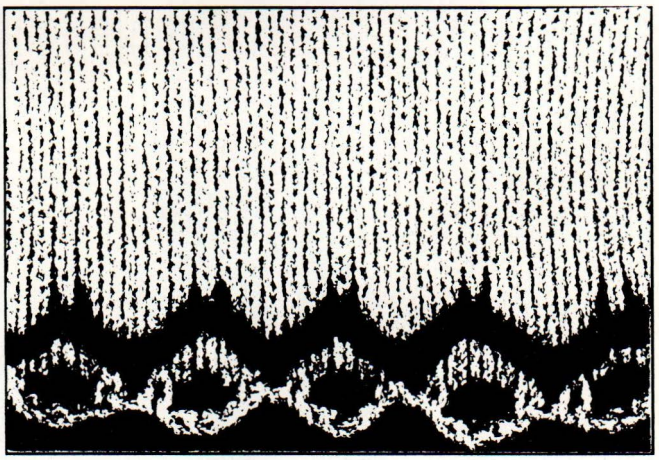
SAMPLE 2

Shows a lace pattern with the above edging.



SAMPLE 3

This is a variation of Sample 1. Follow steps 1 through 9 for Sample 1.



10. Pull the first and second rows of crochet through the last row on the first and following sixth needle (these are the needles with three stitches). Knit six rows.
11. Remove the fourth stitches on to a transfer tool (this is the centre needle of the group of five that form the scallop). Pull adjacent needles a little forward. Holding the fabric with your left hand reach down, between the bed and the fabric, with the transfer tool holding the stitch and pick the loop from the centre of the scallop chain. You now have a loop and a stitch on the tool. Hang these on to the empty needle. Repeat for all the scallops.

Fine gauge favourites

GOLF

Although, perhaps, better known for designing for electronic machines (The Electric Design Library), Linda Black has to admit to a secret love - her Knitmaster fine gauge punchcard knitting machine. This month she starts a new series of stitch patterns specially designed for fine gauge machines

Fine gauge knitting machines are unusual because they use a 30-stitch punchcard for patterning, instead of 24-stitch punchcards as used on standard gauge machines.

It is not always possible to adapt 24-stitch designs to 30-stitch designs and so, through the coming months, I will be sharing some of my favourite 30-stitch designs with you and I hope that you will enjoy knitting them. To start us off in the holiday mood, this month is a bonus for golf addicts.

SAMPLE 1

SAMPLE 2

SAMPLE 1
Although shown as a single motif, this golfer could be used as a border design. By Swiss darning the golfer's sweater with a third colour, the design becomes more lively.

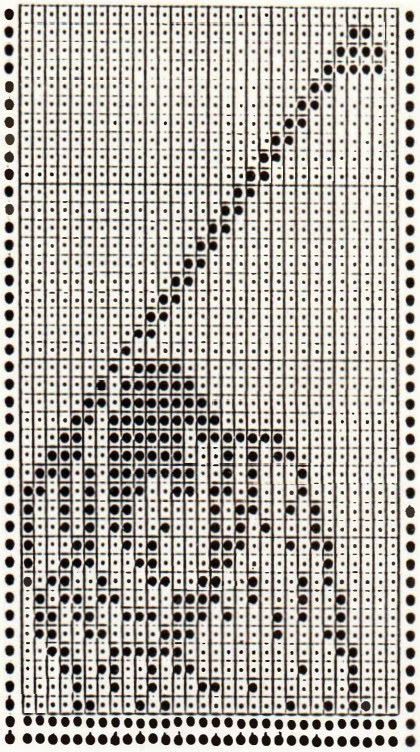
SAMPLE 2
Use this golf logo to brighten up a plain sweater. Again, Swiss darning can make a more attractive feature of the motif. The golf tee has been picked out in this sample but you could Swiss darn the letters **g, l** and **f** in different colours as well.

SAMPLE 3
A lovely golf ball border for using up those oddments of yarn. Place it about one third of the way up on the body of the garment and on the sleeves to continue the line.

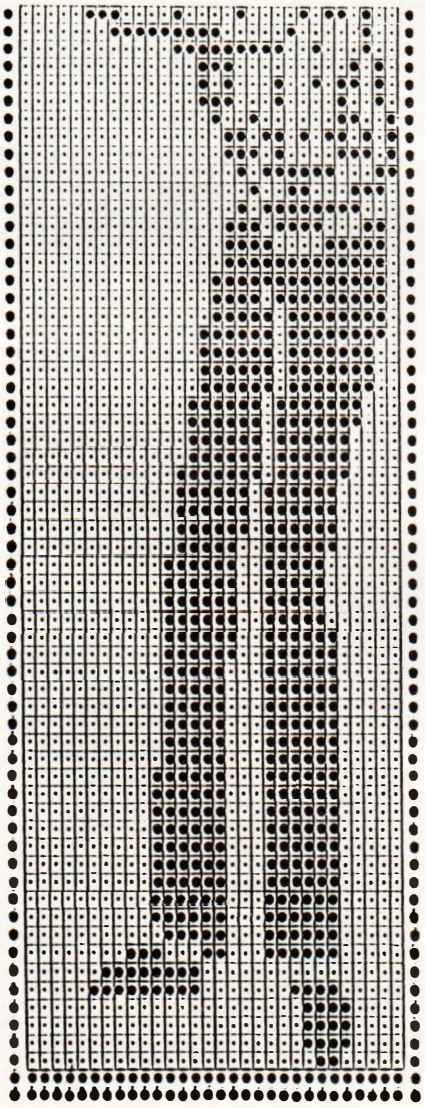
Change to main yarn two after knitting row 18 and change to contrast yarn two after knitting row 20.

DESIGN NOTE
Single motifs look more attractive if the colours in the motif are reflected elsewhere on the garment. For example, knit coloured stripes to match in ribbed cuffs, welts or neckband or knit stocking stitch stripes at the bottom edge of the body or sleeves. Until next month.

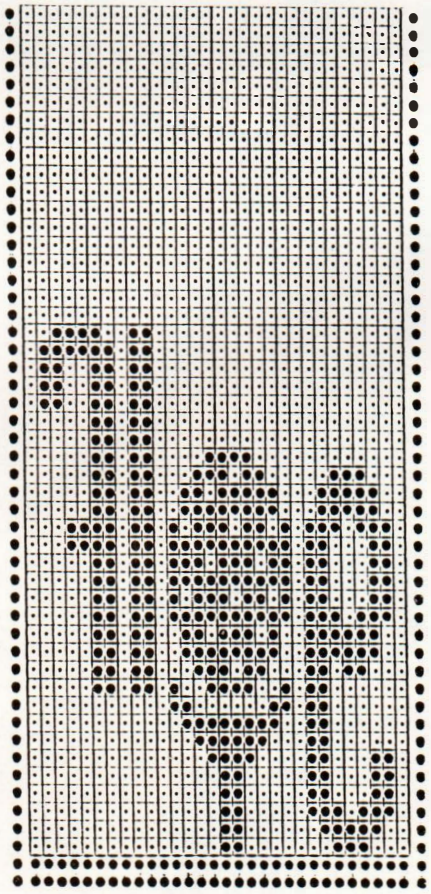
Linda Black



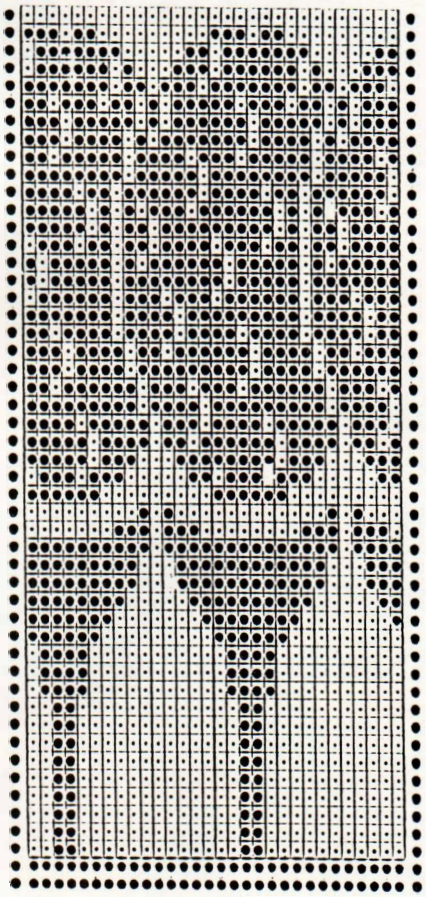
SAMPLE 3



PUNCHCARD 1



PUNCHCARD 2



PUNCHCARD 3

Pattern 6

SHADES OF LILAC

Soft tones are sharply divided at the centre of this sideways-knitted top with dolman sleeves. Each colour is knitted in one piece and shaped at the shoulder for a smoother fit

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
B.S.K. Craft Cascade 4-ply Crêpe.
(Yarn Guide No. 11.)
1 x 500g cone in Dark Lavender (MC).
1 x 500g cone in Light Lilac (C).

GARMENT WEIGHT
Finished garment in first size weighs 400g.

The fibre content of this yarn is 100% Acrylic. For further information about this year, please write to the following address:- B.S.K. Limited, Murdock Road, Bedford MK41 7LE.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87-92 [97-102, 107-112, 117-122] cm, 34-36 [38-40, 42-44, 46-48] in.
Actual size 107 [116, 125, 134] cm, 42 [46, 49½, 53] in.
Length to shoulder 56 [58.5, 58.5, 58.5] cm, 22 [23, 23, 23] in.
Sleeve seam 45 cm, 18 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
32 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming (when shaping second side of neck).

BACK AND FRONT (Knitted Continuously)
Push 160 [168, 168, 168] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. * Set RC at 000. Using MC, K 74 [84, 94, 104] rows.

Shape Neck
Push 16 [20, 20, 20] Ns at left to HP, K 1 row. Push 1 N at left to HP, K 1 row. ** Push 2 Ns at left to HP, K 1 row. Push 1 N at left to HP, K 1 row. Rep from ** 20 times more. RC shows 118 [128, 138, 148]. Break yarn. Push rem 80 [84, 84, 84] Ns at right to HP. Take carriage to left. Push 80 [84, 84, 84] Ns at left from HP to UWP. Using MC, K 1 row. Break yarn. Using WY, K 10 rows. Using nylon cord, K 1 row. Using WY, K 10 rows. Push rem 80 [84, 84, 84] Ns at right from HP to UWP. Reset RC to 118 [128, 138, 148]. Using C, K 1 row. Push 80 [84, 84, 84] Ns at left to HP, K 2 rows. Push 3 inside Ns at left from HP to UWP on next and foll 20 alt rows, K 1 row. Push rem 17 [21, 21, 21] Ns at left from HP to UWP. K 73 [83, 93, 103] rows. RC shows 236 [256, 276, 296] *. Using WY, K 10 rows. Using nylon cord, K 1 row. Using WY, K 10 rows. Carriage is at right. Rep from * to * using C instead of MC and MC instead of C. Using WY, K a few rows and release from machine.

NECKBAND (Knit 2)
Join shoulder seams. Pull out nylon cord at neck. With carriage at right and using MT-6/MT-6 and MC, cast on 143 [151, 151, 151] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 1 row. Inc 1 st at each end of next and foll 7 alt rows. 159 [167, 167, 167] sts. K 2 rows. Transfer sts for st st. Using MT, K 1 row. With P side facing, replace 160 [168, 168, 168] sts along one side of neck edge from centre front to centre back (matching colour) on to Ns, placing 2 sts tog on to centre N. K 1 row. Cast off. Rep for other side of neck using C instead of MC.

SLEEVES
Pull out nylon cord which divides back from front (between C). Push 159 [167, 167, 167] Ns to WP. With P side facing, replace 80 [84, 84, 84] sts from each side of shoulder on to Ns, placing 2 sts tog on to centre N. Set RC at 000. Using MT and corresponding colour, K 8 [16, 16, 16] rows. Shape sides by dec 1 st (2 sts in) at each end of next and every foll 6th [5th, 5th, 5th] row until 103 sts rem. K 5 [4, 4, 4] rows. RC shows 176. Using WY, K a few rows and release from machine.

CUFFS
Push 70 Ns to WP. With P side of sleeve facing, replace sts on to Ns, gathering evenly. Unravel WY. Using MT and corresponding colour, K 1 row. Transfer sts for 1x1 rib. Using MT-5/MT-5, K 30 rows. Using MT + 4/MT + 2, K 1 row. Using a latch tool, cast off.

PRESSING
With wrong side facing, pin out all pieces to measurements given. Steam carefully (do not press).

TO JOIN SIDE SEAMS
Push 80 [84, 84, 84] Ns to WP. With K side facing, replace sts from first side on to Ns. With P side facing, replace sts from second side on to same Ns, matching colour. Unravel WY. Using 39▶

Leggings, KAYS. Watch, TIMEX. Earrings, CELTIC COLLECTION.

Clubs, classes & courses

THE KNITTING NEUK CROMARTY SUMMER SCHOOL

Cromarty is a historic seaside village located at the tip of the Black Isle in Ross-shire, just 20 miles north of Inverness, capital of the Highlands.

Cromarty Study Centre is housed in a recently restored 18th Century Brewery. The facilities include two teaching rooms, a lounge, dining room and double or single accommodation for twenty people.

Two interesting five-day courses, with tutors from the USA, will be held in this lovely family-holiday area this summer. The cost of each five-day course is £150 for day students and £290 for those on full board.

KNIT DESIGN: THE BEFORE AND AFTER

From 25th to 29th July, let Susan Lazear and Alicia Niles inspire you with their creative ideas and encourage you to create your own unique garments.

Susan, a designer from San Diego, California, will demonstrate how to design a variety of sweater silhouettes and styles and chart them.

You will design your own sweater completely and will gain experience using both hand and computer techniques.

Alicia, visiting from Toronto, will teach you how to plan and assemble knitted pieces in creative ways and also demonstrate knit and sew, cut-and-sew and piece and patchwork techniques.

You will also learn how to use embroidery, dimensional knit pieces, crochet trims and hand painting to embellish the knitted fabrics.

TRADITIONAL IRISH KNITS WITH TAMI NOBUYUKI

This course is for knitters with Brother machines and garter carriage. Tami, another noted California designer, will help you to design and knit your own traditional Aran-style sweater, using your own machine and garter carriage. She will demonstrate ways of combining hand tooling with machine techniques, to create a variety of stitch patterns, knitting thicker yarns on the garter carriage and giving hints and short cuts not included in her books.

Further details, including family holiday information, are available from The Knitting Neuk, P.O. Box 5, Cromarty, Ross-shire IV11 8XZ or telephone 0381 600428.

HUMBERSIDE COUNTY COUNCIL COURSES

Debi Haigh teaches courses for the Humberside County Council at several venues.

Monday 7 pm to 9 pm at Hall Road Primary School, Hull.

Tuesday 1.15 pm to 3.15 pm at Park Avenue Adult Education Centre.

Tuesday 7.15 pm to 9.15 pm at South Hunsley Adult Education Centre.

Wednesday 9.30 am to 11.30 am at the Andrew Marvel Youth Centre.

Wednesday 7 pm to 9 pm at Kelvin Hall School.

Thursday 1.15 pm to 3.15 pm at Eastfield Adult Education Centre.

Call Debi on 0482 795731 (Hull) for further details, either of these courses or the Mill and Exhibition trips she also organises.

SALISBURY MACHINE KNITTERS CLUB

We have been asked to let our readers know about a change of venue for the Salisbury club. They now meet at Pitton Village Hall, just east of Salisbury, at the usual time and date of 7.30 pm on the third Thursday of each month. They have a very full calendar with lectures and demonstrations by many well known names, including Kate Arklay, Iris Bishop, Beverley Ward (of In-Ex fame), Roz Kellett, Valerie Meecham, Pam Turbett and Irene Krieger.

For full details contact the Secretary, Helen Bonney on 0722 73 354.

CREATIVE DESIGN IN MACHINE KNITTING SUMMER COURSE

Eileen Cashmore, who takes the machine knitting courses at Bishops Castle Community College, in Shropshire, will be running Creative Design courses this summer at her cottage in the historic Valley of Clun, half a mile from Offa's Dyke and designated 'an area of outstanding natural beauty'.

Week-long workshops for four, six or eight people will include trips to the local places of interest such as Colinette Yarns at Welshpool. Creative and experimental knitting will be the main aim but individual courses will be tailored to suit each group by prior arrangement.

For more details please telephone 021-475 5326 or 0588 640 560.

NORTH WALES AREA

Mrs G. Roberts is the secretary of the In Stitches Knitting Club of Porthmadog, Gwynedd and she would like to contact clubs in the North Wales area as far away as Chester, Wrexham and the Machynlleth/Newtown area.

If you run a club in these areas perhaps you would like to contact Mrs Roberts on 0766 513107 or write to her at 49 Madog Street, Porthmadog, Gwynedd.

UPPINGHAM YARNS

The Uppingham Yarns travelling shop will be visiting Wyre and Formby Knitting Clubs this September and offer an open invitation to other clubs to visit as well. If your club is within 25 miles of Blackpool maybe you would like to give them a call on 0572 823747, to obtain the dates and any further information.

PERSHORE MACHINE KNITTING CLUB

The Pershore Machine Knitting Club meets on the 1st and 3rd Monday of each month from 7.30 to 9.15 p.m. at The Heathlands Residential Home, Station Road, Pershore. The club is open to owners of all knitting machines and visitors are always welcome, so if you would like to attend their next meeting please telephone

the organiser, Lilian Munning on 0386 552086.

SHAKESPEARE KNITTERS

Machine knitters in the Stratford-upon-Avon area should pay a visit to the Shakespeare Knitters Club on the 1st Friday of each month from 7.30 to 9.30 p.m. at The Ken Kennet Centre, Justins Avenue, Stratford-upon-Avon. If you would like a chat with the organiser, Margaret Stokes, please call 0789 299473 or you may speak to Ann on 0789 297667.

WOOLIE KNITS CLUB

The Woolie Knits Club of Bridgwater meet on the 2nd Friday of each month from 8 to 10 p.m. at the Puriton Village Hall, Hall Road, Puriton. The organisers are Liz Cross and Val Stenning who can be telephoned for more details on 0278 455637.

RUTH WOOD

Clubs in the Lincolnshire area can arrange a visit from Ruth Wood, who will demonstrate some of her own Hague Linker specialities and unusual knitting techniques. Ruth also welcomes enquiries from Singer knitters and you can contact her on 0472 388251.

PARK STREET MACHINE KNITTING CLUB

Mrs Miriam Collins has recently taken over as Secretary of the Park Street Machine Knitting Club.

The club is only small (20 members) and Mrs Collins would like to hear from inexpensive speakers willing to visit them - please telephone 0923 678833 or write to 2 Hunters Ride, Bricket Wood, St Albans, Hertfordshire.

Meetings are held on the 2nd Monday of each month from 7.30 to 9.30 p.m. at The Village Hall, Park Street, Watling Street, St Albans.

GUILDFORD MACHINE KNITTING CLUB

The Guildford Machine Knitting Club meets every 3rd Monday of every month, except December, at the Salvation Army Hall, Leas Road (off Woodbridge Road) at 8 p.m.

Carole Baker, a well known designer and author, (who the club feel very fortunate to have as a member) will be talking about and showing her designs.

Visitors are welcome at a small charge of £1.50 which includes a cup of coffee.

If you would like more information about the club please contact the Honorary Secretary, Mrs Rita Taylor on 0483 762335.

HUNLOCKERS MACHINE KNITTING CLUB

Members of this club are looking for speakers and other clubs in the Chesterfield area. Would anyone who 'fits the bill' please contact the secretary, Elaine Answer on 0246 856086.

WANTED ALIVE! MIDDLESBOROUGH CLUB

Mrs E. I. Robinson of 47 Tollesby Road, Middlesborough, Cleveland TS5 7PT is looking for a club to attend. She currently knits on a Brother 836 with ribber and lace carriage but would like to update to a more 'ambitious' machine.

Mrs Robinson would also like to hear of any clubs operating in the Knotty Ash/West Derby area of Liverpool.

URCHFONT MANOR COLLEGE

Give yourself a real treat! Spend a week in a beautiful environment with good food and excellent tuition. Jenny Rose will be the tutor during a week spent **Using The Ribber** at Urchfont Manor, near Devizes, Wiltshire.

Give the college a ring now on 0380 840495 and book yourself a week away from it all (except the machine!).

PAM TURBETT IN WALES

Pam will be touring Wales in April 1995, starting in Swansea on 3rd April and including Rhyl on 12th April. She travels with an enormous suitcase full of cut and sew clothes which she will be showing and explaining to clubs.

If you are interested in a talk or workshop please telephone Pam on 0730 893654.

◀37

MT and corresponding colour, K 1 row. Cast off.

WELTS

With carriage at right and using MT-6/MT-6 and MC, cast on 139 [147, 160, 174] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 30 rows. Transfer sts for st st. Using MT, K 1 row. With P side facing, pick up 139 [147, 160, 174] sts along lower edge from centre back to centre front and place on to Ns (matching colour). K 1 row. Cast off. Knit second welt in C.

MAKING UP

Join sleeve, cuff, welt and neckband seams.

A = 50 [52.5, 52.5, 52.5] cm

B = 6 cm

C = 53.5 [58, 62.5, 67] cm

D = 20 cm

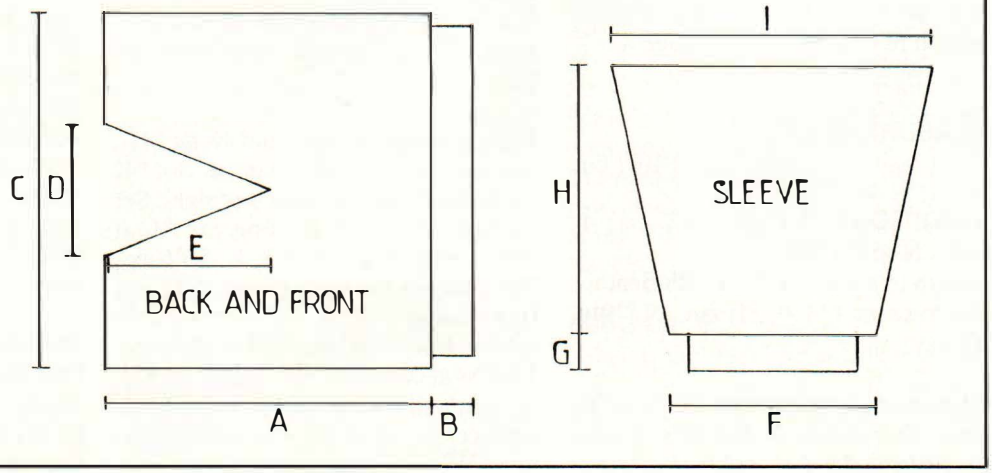
E = 25 [26, 26, 26] cm

F = 32 cm

G = 5 cm

H = 40 cm

I = 49.5 [52, 52, 52] cm



Pattern 7

SUMMER SKYLINE

Mercerised and plain cottons are used to emphasise the architectural effect of this geometric Fair Isle pattern in 'sunny day' colours

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Cannelé Cabled Mercerised Cotton.
(Yarn Guide No. 10.)
2 x 250g cones in Cream (MC).
Yeoman Brittany 2-ply Cotton (2 ends knitted together).
(Yarn Guide No. 10.)
1 [1, 2] x 250g cones in Cornflower (A).
1 x 250g cone in Primula (B).

GARMENT WEIGHT

Finished garment in second size weighs 570g.

The fibre content of these yarns is 100% Cotton. For further information about these yarns, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicester LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87-92 [92-97, 102-107] cm, 34-36 [38-40, 42-44] in.
Actual size 107 [118, 128] cm, 42 [46½, 50½] in.
Length to shoulder 67 cm, 26½ in.
Sleeve seam 49 [50, 51] cm, 19 [19½, 20] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30.5 stitches and 35 rows to 10 cm, 4 in measured over Fair Isle pattern 1 or 2 (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.
Use 2 strands of A or B together throughout.

Silver Reed Electronic Machines

Place needle 1 cam between Ns 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for other models).

Brother Electronic Machines

Place pattern over centre 0.

BACK

Fair Isle Pattern

K 17 rows MC/A, 6 rows B/A and 15 rows MC/A. These 38 rows form pattern

With carriage at right and using MC, cast on 156 [172, 188] sts in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 35 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine *. Push 166 [182, 198] Ns at centre to WP. With carriage at right and wrong side of welt facing, replace sts on to Ns, inc evenly. Unravel WY. Insert card 1 or 2 and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, release card and cont in Fair Isle patt. K 118 [115, 115] rows.

1st and 3rd Sizes

Place marker at each end.

2nd Size

Cast off 7 sts at beg of next 2 rows. 168 sts.

All Sizes **

K 88 [89, 91] rows. RC shows 206. Push 54 [55, 68] Ns at left and right to HP. Using WY, K a few rows in st st over rem 58 [58, 62] Ns and release from machine. Push 54 [55, 68] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 54 [55, 68] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to **. K 60 [61, 63] rows. RC shows 178. 28 rows less have been worked to shoulder than on back.

Shape Neck

Note patt row on card. Using nylon cord, K 97 [98, 114] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge of every row until 59 [60, 73] sts rem, then on every foll alt row until 54 [55, 68] sts rem. K 8 [8, 7] rows. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over 28 [28, 30] Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

SLEEVES

Fair Isle Pattern

Using MT-1, K 0 [2, 0] rows MC and 0 [2, 2] rows B. Insert card 3 and lock on first row. * K 4 rows MC. Release card 42▶

Trousers, COUNTRY CASUALS. Earrings, LIBERTY. Ring, KAVELA KORU.

◀40
and cont in Fair Isle patt. Using MT, K 28 rows MC/A. Lock card on first row. Cont in st st. Using MT-1, K 4 rows MC and 2 rows B. Rep from * throughout.

With carriage at right and using MC, cast on 72 [74, 74] sts in 1x1 rib. Work as for back from * to *. Push 78 [80, 80] Ns at centre to WP. With carriage at right and wrong side of cuff facing, replace sts on to Ns, inc evenly. Unravel WY. Set RC at 000.

Cont in Fair Isle patt. Shape sides by inc 1 st at each end of every row until there are 84 [88, 88] sts, then on every foll 3rd row until there are 124 [128, 128] sts, then on every foll 5th row until there are 154 [160, 160] sts. K 6 [2, 6] rows. RC shows 144 [146, 150].

2nd Size

Place marker at each end. K 8 rows.

All Sizes

Cast off.

TO JOIN RIGHT SHOULDER

Push 54 [55, 68] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns.Unravel WY. Using MT + 1 and MC, K 1 row. Cast off.

NECKBAND

Push 156 [162, 162] Ns to WP. With K side facing, pick up 156 [162, 162] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT-1 and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-5/MT-5, K 28 rows. Transfer sts for st st. Using MT-1, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

Work as for right shoulder but read left for right.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

1st and 3rd Sizes

Set in sleeves between markers.

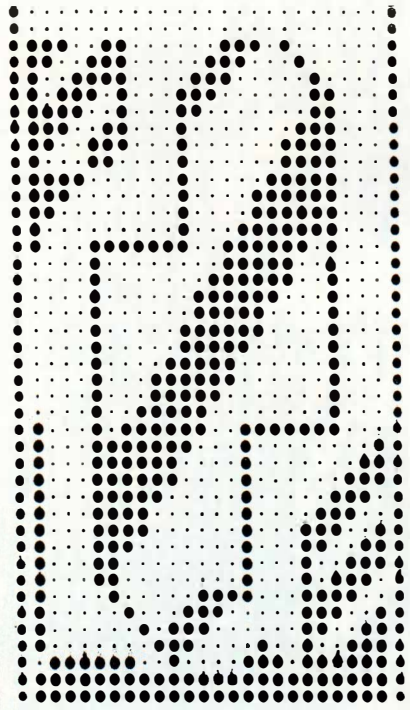
2nd Size

Set in sleeves, sewing rows above markers to cast off sts at armholes.

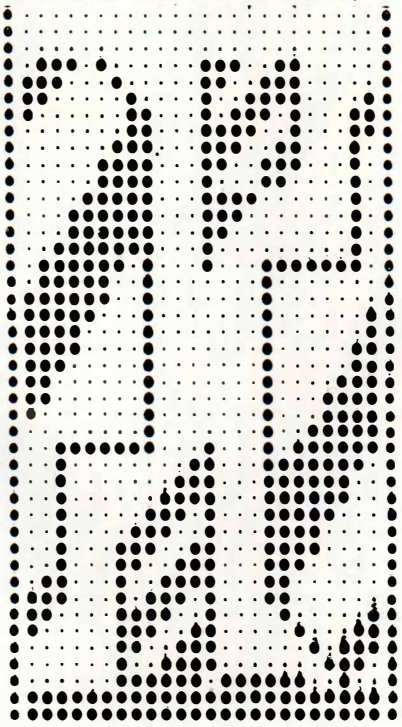
All Sizes

Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.

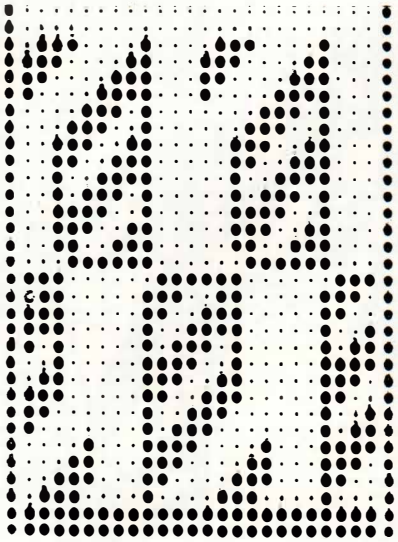
PUNCHCARD CHART 1 (1st & 2nd sizes only)

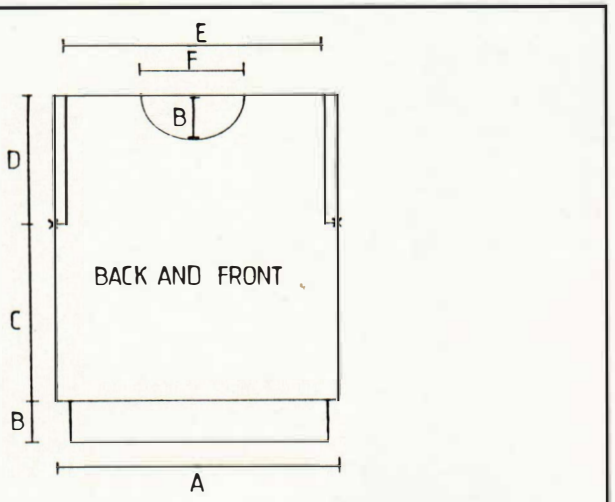


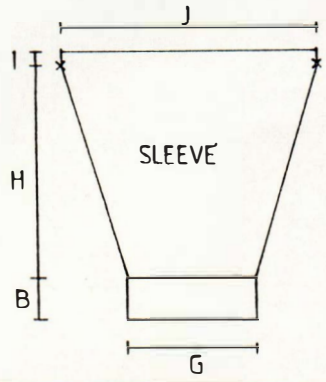
PUNCHCARD CHART 2 (3rd size)



PUNCHCARD CHART 3







A = 54 [59.5, 64.5] cm
B = 8 cm
C = 34 [33, 33] cm
D = 25 [26, 26] cm
E = 55 cm (2nd size only)
F = 19 [19, 20] cm
G = 25.5 [26, 26] cm
H = 41 [42, 43] cm
I = 2 cm
J = 50 [52, 52] cm

designer yarns

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Pattern 8

TUTTI-FRUTTI

Fresh as an ice cream soda with splashes of colour, long lean lines and the latest blanket stitch trim - it's the sweater with everything a fashion-loving girl could wish for

PATTERN RATING
* Easy to knit.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
King Cole Smarty 4-ply.
(Yarn Guide No. 11.)
1 x 400g cone in Tutti Fruitti (MY).
Blue yarn for crochet.
5 buttons.
Crochet hook.

GARMENT WEIGHT
Finished garment in second size weighs 215g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- King Cole Limited, Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 56 [61, 66, 71, 76, 82] cm, 22 [24, 26, 28, 30, 32] in.
Actual size 69 [74, 80, 85, 90, 96] cm, 27 [29, 31½, 33½, 35½, 38] in.
Length to shoulder 47 [51, 54.5, 58.5, 62, 66] cm, 18½ [20, 21½, 23, 24½, 26] in.
Sleeve seam 28 [31.5, 35.5, 39, 43, 45.5] cm, 11 [12½, 14, 15½, 17, 18] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
26½ stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

BACK
With carriage at right and using MY, cast on 94 [100, 108, 114, 122, 130] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 14 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 36 rows. Place marker at each end for top of side slit **. K 88 [106, 114, 132, 140, 158] rows. RC shows 124 [142, 150, 168, 176, 194]. Place marker at each end for armholes. K 66 [66, 74, 74, 80, 80] rows.

Shape Neck
Using a length of MY, cast off centre 20 [22, 24, 26, 28, 30] sts. Push 37 [39, 42, 44, 47, 50] Ns at left to HP and cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and foll alt row.

Shape Shoulder
Cast off 11 [12, 13, 13, 14, 15] sts at beg of next and foll alt row, K 1 row. Cast off rem 11 [11, 12, 14, 15, 16] sts. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

FRONT
Work as for back to **. K 52 [60, 68, 82, 86, 96] rows.

Front Opening
Using a length of MY, cast off centre 8 sts. Using nylon cord, K 43 [46, 50, 53, 57, 61] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 36 [46, 46, 50, 54, 62] rows. Place marker at right edge for armhole. K 51 [51, 59, 55, 61, 61] rows.

Shape Neck
Cast off 4 [5, 6, 7, 8, 9] sts at beg of next row. Dec 1 st at neck edge on every alt row until 33 [35, 38, 40, 43, 46] sts rem. K 6 [6, 6, 10, 10, 10] rows.

Shape Shoulder
Cast off 11 [12, 13, 13, 14, 15] sts at beg of next and foll alt row, K 1 row. Cast off rem 11 [11, 12, 14, 15, 16] sts. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Finish to correspond with first side, reversing shapings by reading left for right.

SLEEVES
With carriage at right and using MY, cast on 48 [48, 54, 54, 60, 60] sts at centre in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, shape sides by inc 1 st at each end of every 5th [6th, 7th, 7th, 8th, 8th] row until there are 60 [66, 90, 58, 90, 66] sts, then on every foll 6th [7th, 8th, 8th, 9th, 9th] row until there are 86 [86, 94, 94, 102, 102] sts. K 2 rows. RC shows 110 [126, 144, 160, 176, 188].

Shape Top
Cast off 4 sts at beg of next 14 rows. Cast off rem 30 [30, 38, 38, 46, 46] sts.

BUTTONHOLE BAND
With carriage at right and using MY, cast on 73 [79, 85, 85, 91, 97] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 7 rows. Make 5 evenly spaced buttonholes over 2 Ns. K 7 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

BUTTON BAND
Work as for buttonhole band omitting buttonholes.

COLLAR
With carriage at right and using MY, cast on 88 [92, 96, 106, 110, 114] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 12 [12, 14, 14, 16, 16] rows. Using MT-4/MT-4, K 12 [12, 14, 14, 16, 16] rows. Using MT-5/MT-5, K 12 [12, 14, 46▶

14, 16, 16] rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

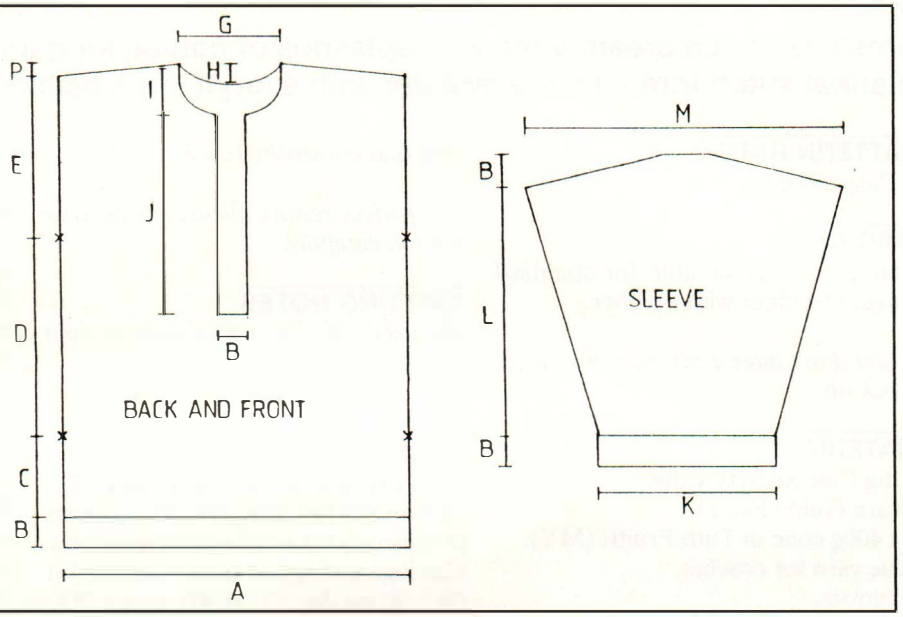
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on cone band.

MAKING UP

Join shoulder seams. Set in sleeves between markers. Join sleeve and side seams down to markers. Pin bands into position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Lap right over left and catch down ends. Pin collar into position and backstitch as for bands. Finish buttonholes and sew on buttons to correspond. Using blue, work dc around edges.

A = 35 [37.5, 40.5, 43, 46, 49] cm
B = 3 cm
C = 8 cm
D = 20 [24, 26, 30, 32, 36] cm
E = 16 [16, 17.5, 17.5, 19, 19] cm
F = 1 cm
G = 10.5 [11, 12, 12.5, 13.5, 14] cm
H = 2 cm
I = 5 [5, 5, 6, 6, 6] cm
J = 20 [22, 24, 24, 26, 28] cm
K = 18 [18, 20, 20, 22.5, 22.5] cm
L = 25 [28.5, 32.5, 36, 40, 42.5] cm
M = 32 [32, 35, 35, 38, 38] cm



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Pattern 9

SHORT AND SWEET

Little cropped tops are news this season and ours are sweet and simple in Spectrum Linaria with just a light touch of lace pattern

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
Spectrum Tango.
(Yarn Guide No. 11.)
1 x 500g cone in Daffodil (Version A) or White (Version B) (MY).

GARMENT WEIGHT
Finished garment in first size weighs 140g.

The fibre content of this yarn is 80% Courtelle Acrylic, 20% Wool. This yarn is available by mail order only. Please contact Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB. Telephone: 0484 843732.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 76 [82, 87, 92, 97, 102] cm, 30 [32, 34, 36, 38, 40] in.
Actual size 83 [88, 93, 99, 103, 109] cm, 32½ [34½, 36½, 39, 40½, 43] in.
Length to shoulder 41 [41, 44, 44, 47, 47] cm, 16 [16, 17½, 17½, 18½, 18½] in.
Sleeve seam 16 cm, 6½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
27 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

BACK
With carriage at right and using MY, cast on 98 [106, 112, 120, 126, 134] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-7/MT-7, K 28 rows. Transfer sts for st st *. Set RC at 000 **. Using MT, K 4 rows. Shape sides by inc 1 st (using a 3-prong transfer tool) at each end of next and every foll 8th [8th, 9th, 9th, 11th, 11th] row until there are 114 [122, 128, 136, 142, 150] sts. K 3 [3, 8, 8, 6, 6] rows. RC shows 64 [64, 76, 76, 88, 88].

Shape Armholes
Cast off 3 sts at beg of next 2 rows. *** K 1 row. Dec 1 st at each end of next and foll 3rd row. Rep from *** 3 times more. 92 [100, 106, 114, 120, 128] sts ****. K 54 rows. RC shows 140 [140, 152, 152, 164, 164]. Push 19 [23, 26, 30, 33, 37] Ns at left and right to HP. Using WY, K a few rows over rem 54 Ns and release from machine. Push 19 [23, 26, 30, 33, 37] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 19 [23, 26, 30, 33, 37] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT
Pattern
Version A - Work 10 st patt from chart 1 over Ns 15 to 24 at left and right of centre 0. K 29 rows. Cont in st st.
Version B - Work in patt from chart 2 over centre 94 [106, 106, 106, 106, 106] Ns. K 49 rows. Cont in st st.
Work as for back to **. Cont in appropriate patt and work as for back from ** to ****. K 22 rows.

Shape Neck
Using nylon cord, K 57 [61, 64, 68, 71, 75] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge of every row until 24 [28, 31, 35, 38, 42] sts rem, then on every foll 3rd row until 19 [23, 26, 30, 33, 37] sts rem. K 6 rows. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over 22 Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Using WY, K a few rows and release from machine.

SLEEVES
Pattern
Version A - Work in patt from chart 1 over centre 10 Ns. K 29 rows. Cont in st st.
Version B - Work in patt from chart 2 over centre 82 Ns. K 49 rows. Cont in st st.

With carriage at right and using MY, cast on 92 sts at centre in 1x1 rib. Work as for back from * to *. Set RC at 000. Using MT, cont in appropriate patt. K 40 rows. Place marker at each end.

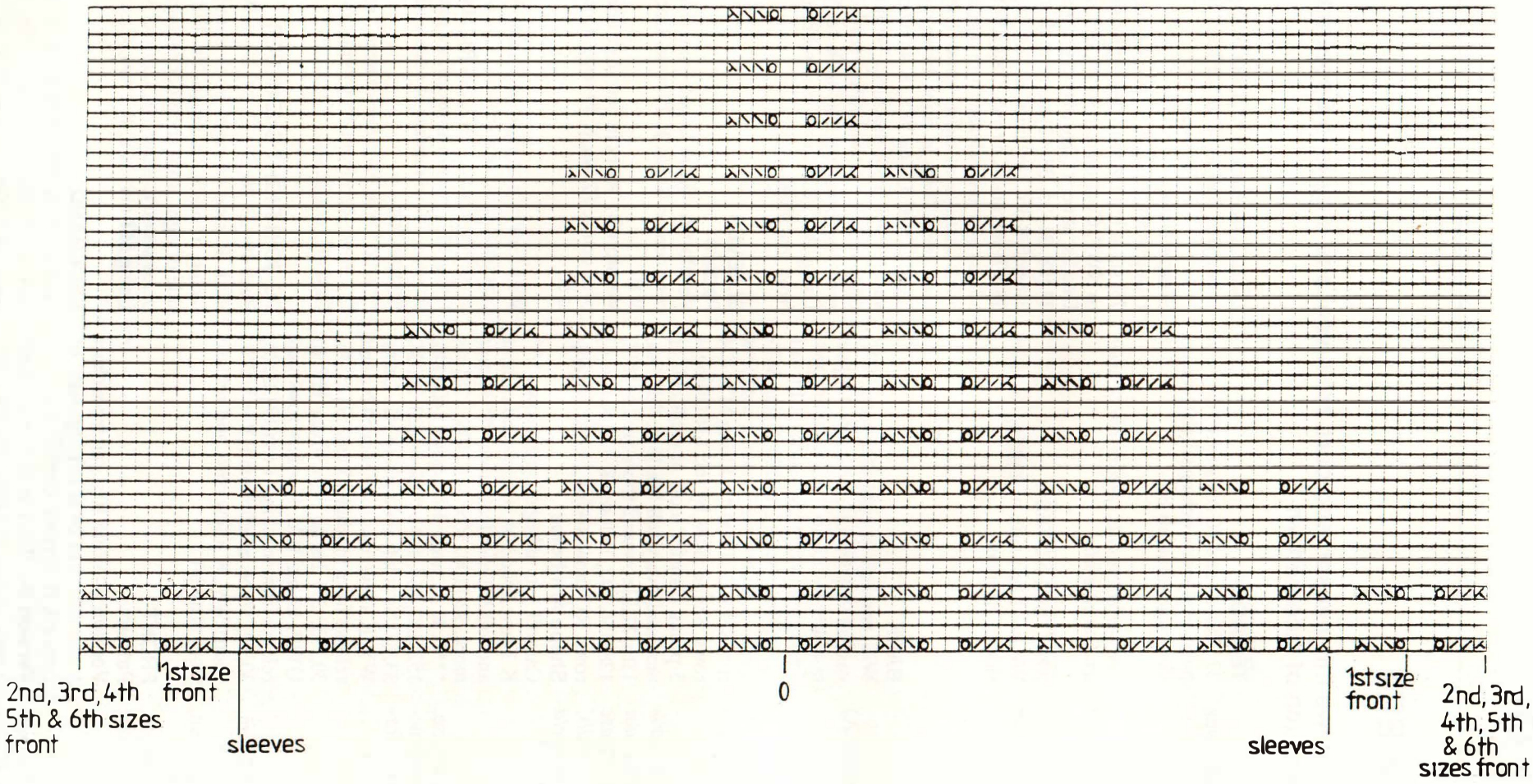
Shape Top
** Dec 1 st at each enc of next 7 rows, K 1 row. Rep from ** 4 times more. Cast off rem 22 sts.

TO JOIN RIGHT SHOULDER
Push 19 [23, 26, 30, 33, 37] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MY, K 1 row. Cast off.

NECKBAND
Push 135 Ns to WP. With K side facing, pick up 135 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MY, K 1 row. 48▶

47

CHART 2



= Transfer 3sts at left into right, leave empty N in WP

= Transfer 3sts at right into left, leave empty N in WP

51

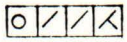
Transfer sts for 1x1 rib. Using MT-7/MT-7, K 25 rows. Transfer sts for st st. Using MT, K1 row. Using WY, K a few rows and release from machine.

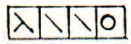
TO JOIN LEFT SHOULDER
Work as for right shoulder but read left for right.

PRESSING
With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

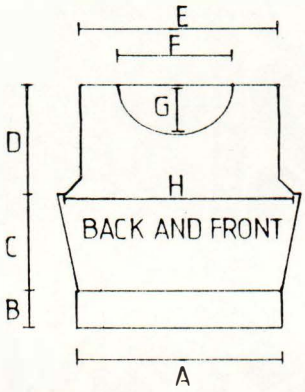
MAKING UP
Set in sleeves. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, back-stitch through open loops of last row worked in MY.

Trousers, KIT. Necklace, JANET COLES BEADS.


= Transfer 3sts at left into right, leave empty N in WP


= Transfer 3sts at right into left, leave empty N in WP

A = 36 [39, 41, 44, 46.5, 49.5] cm
B = 6 cm
C = 16 [16, 19, 19, 22, 22] cm
D = 19 cm
E = 34 [37, 39, 42, 44, 47] cm
F = 20 cm
G = 8 cm
H = 42 [45, 47, 50, 52.5, 55.5] cm
I = 34 cm
J = 10 cm



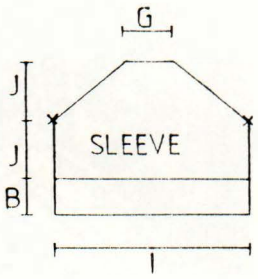
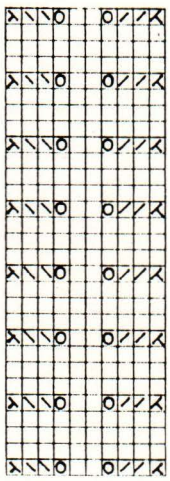


CHART 1



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Silver diamonds

WAIST LENGTH TOP WITH ROLL HEM

This month's sweater in Maggie Dyke's series is cropped short and features a band of diamonds etched strikingly across the vertical patterns

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed SK840 standard gauge electronic machines with EC1 and a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Bramwell Fine 4-ply.
(Yarn Guide No. 11.)
1 x 500g cone in Black (MC).
1 x 500g cone in Warm White (C).

GARMENT WEIGHT

Finished garment in first size weighs 380g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F. W. Bramwell & Co., Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87 [92, 97, 102] cm, 34 [36, 38, 40] in.
Actual size 102 [108, 113, 118] cm, 40½ [42½, 44½, 46½] in.
Length to shoulder 50 [51, 52, 53] cm, 19£ [20, 20½, 21] in.
Sleeve seam with cuff folded 51 [52, 53, 54] cm, 20 [20½, 21, 21½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 39 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.
Before knitting, prepare electronic sheet needed, from the chart provided. We used a Silver Reed card for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

Fair Isle Pattern

Set pattern width indicator at 0 and 30. Place needle 1 cam at 30 left of centre 0. Point cams at width of knitting. Press button 1 (left light on), button 2 (left light on) and button 5 (right light on). Mark card to knit rows 12 to 77, then back to 12.

BACK

With carriage at left and using MC, cast on 156 [164, 172, 180] sts at centre in 1x1 rib. Insert card and set to 12th row. K 3 circular rows. Carriage is at left. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 5 rows. Transfer sts for st st. Set RC at 000. Using MT, K 1 row. Release card and cont in Fair Isle with C in feeder 1 and MC in feeder 2. K 93 [97, 101, 105] rows. RC shows 94 [98, 102, 106]. Place marker at each end *. K 90 rows.

Shape Neck

Note patt row on card. Using nylon cord, K 101 [105, 109, 113] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll alt row, K 1 row. Cast off 2 sts at beg of next and foll alt row. Cast off rem 45 [49, 53, 57] sts. With carriage at right, unravel nylon cord over 46 Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. Set card to number previously noted. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings.

FRONT

Work as for back to *. K 74 rows.

Shape Neck

Note patt row on card. Using nylon cord, K 97 [101, 105, 109] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 2 sts at beg of next and every foll alt row until 51 [55, 59, 63] sts rem, K 1 row. Dec 1 st at beg of next and every foll alt row until 45 [49, 53, 57] sts rem. K 4 rows. Cast off. With carriage at right, unravel nylon cord over 38 Ns at right, bringing Ns back to WP. Using WY, K a few rows in st st and release from machine. Set card to number previously noted. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shapings.

SLEEVES

Using MC, cast on 60 [64, 66, 70] sts at centre by hand. Insert card and lock on 12th row. Set RC at 000. Using MT, K 63 rows. Using WY, K a few rows and release from machine, leaving empty Ns in WP. With carriage at right and K side facing, replace sts on to Ns. Unravel WY. Set RC at 000. Release card and cont in Fair Isle with C in feeder 1 and MC in feeder 2.

1st, 2nd and 3rd Sizes

Shape sides by inc 1 st at each end of every row until there are 80 [76, 74] sts, then on every foll alt row until there are 90 sts.

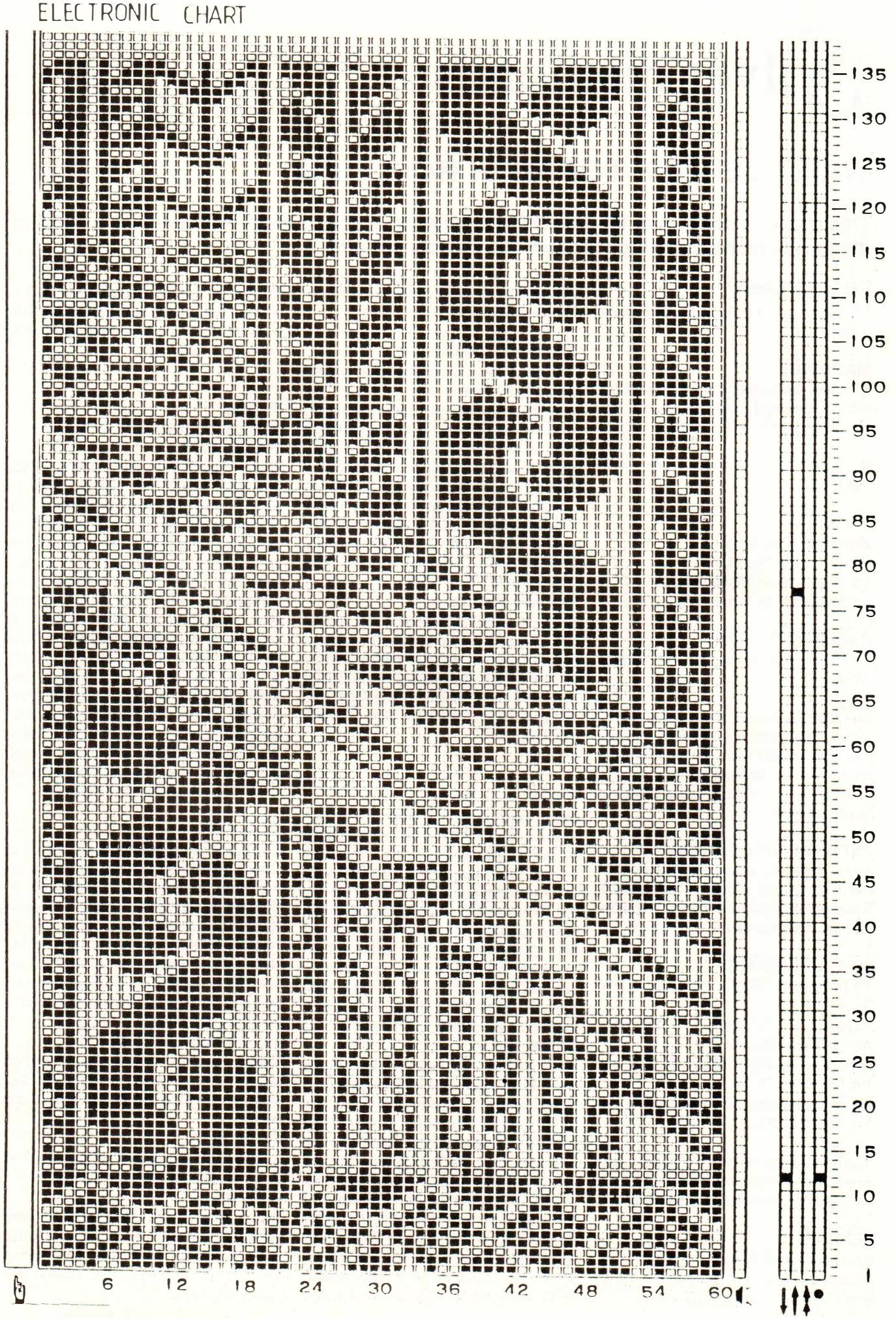
4th Size

Shape sides by inc 1 st at each end of every alt row until there are 90 sts.

All Sizes

Inc 1 st at each end of every foll 5th row until there are 134 [126, 118, 110] sts, then on every foll 6th row until there are 150 sts. K 2 rows. RC shows 180 [184, 188, 192].

55 ▶


ELECTRONIC CHART
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24
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36
42
48
54
60

Roll

Cont in st st and MC. K 13 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Cast off loosely.

NECKBAND

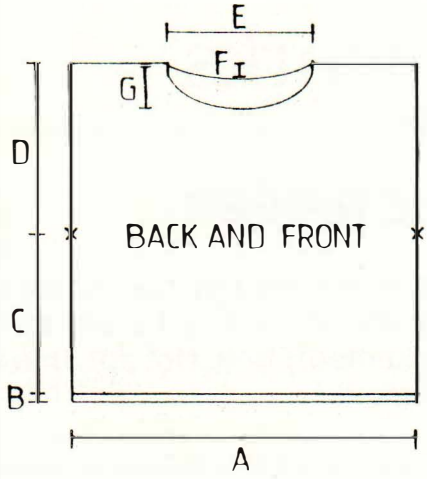
Join right shoulder seam. Push 162 Ns to WP. With P side facing, pick up 162 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 13 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Cast off loosely.

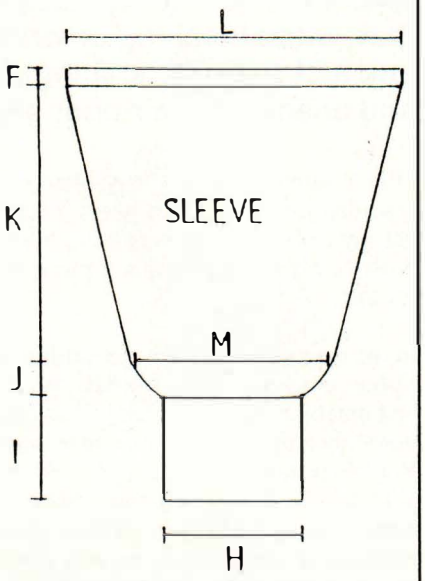
PRESSING

Put yarn rod or something similar through rolls at top of sleeves and pull and steam to close up sts. It is important to do this before making up. With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band, omitting sleeve rolls.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves between markers, sewing cast-off edge into position. Join side and sleeve seams. Fold 1/3rd of cuffs to right side, then fold again.





A = 52 [54.5, 57, 59.5] cm
B = 1 cm
C = 24 [25, 26, 27] cm
D = 25 cm
E = 22 cm
F = 2 cm
G = 6 cm
H = 20 [21, 22, 23] cm
I = 15 cm
J = 5 cm
K = 41 [42, 43, 44] cm
L = 50 cm
M = 30 cm

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Machine works

ALIGNMENT OF THE RIBBER

Machine knitting is an activity dominated by the female sex. You might therefore think that, when teaching or writing about knitting, I could safely put away my feminist hat and just wear my knitting (or knitted!) one. Not so! This month we look at setting up and checking the ribber alignment

One comment that always has me reaching for my feminist hat is 'I can't get my ribber to knit very well, but it must be alright, my husband put it up for me'.

In the eyes of many a knitter, adding a ribber converts their friendly single bed machine into a mechanical object that only a man can check and adjust. Yet it is usually 'she' who knits with it, not 'he'. Knitting with the ribber is more complicated, more skilled, than erecting or checking it, so why does 'she' feel that only 'he' can do the latter.

Moreover, where does 'he' get his information from? How does 'he' know how high the ribber should be in relation to the main bed when in the working position? This is a matter of fact, not some mysterious instinct given only to men.

So, ladies, here are the facts. **Please** use them to check out your machine! (I hope my male readers will find them useful as well.)

Seriously though, if you feel you can't understand your ribber, you won't feel at ease with it. Knitting with the ribberill then be 'tense-making' and you will not enjoy it and will be more likely to make mistakes.

Follow this article through at your ribber and I hope that by the end of it your ribber will be set up and aligned perfectly and that you will be feeling in control of it.

The correct alignment is important. If it is very badly aligned, it won't knit at all, so you'll certainly know about it. If it is only **slightly** out of alignment, it will probably knit the simple ribs. **But you'll have problems with stitches such as English rib and punch tuck rib.**

Let's look first at erecting the ribber. All you're doing is adding a second bed of needles to the main bed. It is a simpler bed of needles too, it doesn't have a punchcard reader, or an electronic control panel, or a built-in Knit Radar, or a yarn mast.

Before adding the ribber, the main bed has to be tilted; so the clamps supplied with the main bed are replaced by the clamps supplied with the ribber. It is easier to do this if you remove the yarn mast, main carriage and add-on Knit Radar (if you have one) first.

Next, on standard gauge machines, position the auxiliary pieces at each end of the main bed - note that they are labelled for left and right.

Hold the ribber with the needles facing you and insert the right ribber joiner into the auxiliary piece. The ribber will then slide left or right to enable the left side to be inserted. I find it easier to sit down while doing this.

Next, push the ribber home, so that the ribber stoppers on each side of the ribber are against the auxiliary pieces. The ribber has to be in its highest position to do this; if it isn't, just push it up. Fasten the screws in the auxiliary pieces. Tighten each screw a little at a time, moving backwards and forwards between each end. One mistake that's easy to make is to hold on to the ribber, pushing it up hard, while doing this. We do this because we're frightened that it will fall to the floor, but the ribber may end up too high as a result. So just let the ribber hang while you tighten the screws. It won't fall off.

Lower the ribber side pieces to the table and fasten them in position using the flat clamps that were originally supplied with the main bed. Don't forget these! I usually encourage knitters to bring their own machines and ribbers on my ribber courses so that they can be checked out. I have found that a number of knitters don't realise that the flat clamps should be used in this way and try to knit with their ribbers just hanging from the main bed.

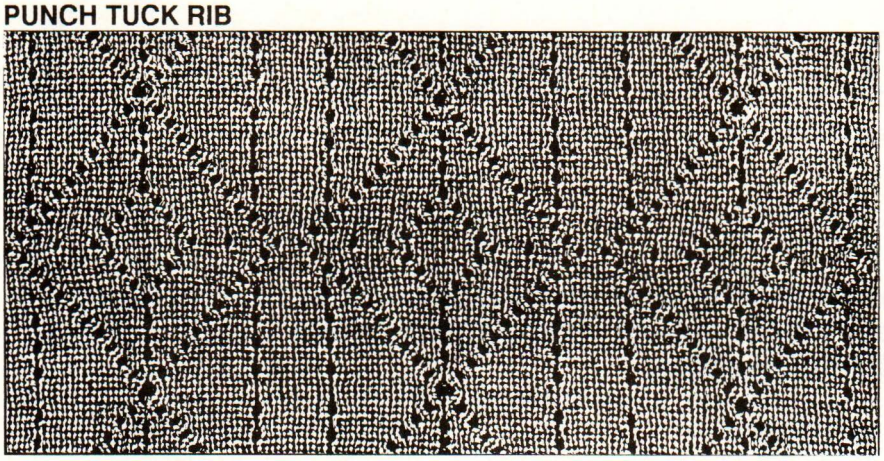
Finally, push up the push-up cams. These support the ends of the main bed.

The chunky ribber is even easier to erect. It doesn't have auxiliary pieces and screws, or push-up cams. The ribber joiners fit into a slot at the end of the main needlebed. Again, position the right one first, so that the left one can just be slid into position. As with the standard gauge, the ribber supports must be clamped to the table using the original flat main bed clamps.

The racking handle can now be inserted into the ribber and the carriages, Knit Radar and so on returned to the machine.

The yarn mast has to be turned around when the ribber is attached. Without the ribber, the main bed is flat and the kink at the bottom of the yarn mast faces to the back, so that the yarn mast leans away slightly from the machine. Now the ribber is attached, the main bed is tilted. If you position the yarn mast in the single bed way, that is tilted away from the machine, the tilt of the mast combined with the tilt of the machine will result in it tilting a long way back from the machine, almost out of reach. Instead, position the yarn mast the other way around, so that its own tilt now faces towards the machine, thus counteracting the tilt of the machine to some extent. The mast will still be leaning away from the needlebeds, but not so far and it is at the correct angle for knitting. The yarn guide can be twisted (down and back) to its cor-

PUNCH TUCK RIB



rect position at the rear of the mast and the auto tension is also turned around.

Once the ribber is erected, you can check its alignment both sideways and vertically.

When the ribber is on full pitch (P) and position 5 on the racking indicator (3P on chunky machines), the two needlebeds should be exactly opposite each other. Bring a few needles from each bed forward and check that they meet head on.

Check too that the edge needles on each bed are opposite each other, as it is possible for the needlebeds to be one whole pitch out - one pitch is the distance between needles on the same bed; the needles would then be opposite each other, but the needlebeds would **not** be.

If the needles are not opposite each other, on standard gauge machines loosen the screws in the auxiliary pieces and also loosen the clamps holding the ribber supports to the table. Gently tap the ribber sideways to line up the needles, if possible. Even if this doesn't work, tighten the screws and clamps, as the alternative method of adjustment is carried out with the screws and clamps tight.

The chunky machine offers less scope for minor adjustment of this sort, as the ribber joiners fit over a peg and have less lateral movement. However, I have experimented and managed to deliberately pull the ribber sideways slightly when tightening the flat clamps, so, if your chunky ribber is misaligned, it's worth loosening the flat clamps and seeing if it moves and corrects itself.

If the above manoeuvres don't work, the ribbers have two screws, at the left end of the needlebed, which can be loosened, to enable the ribber to be moved sideways into the correct position.

On standard gauge ribbers these screws are set back, below the pitch lever. On chunky machines the screws are on the main part of the needlebed alongside the A indicating the needle position A.

The screws are cross-headed and need an appropriate screwdriver. Loosen the screws, but don't remove them. The ribber can now be moved into the correct position. Don't forget to tighten the screws afterwards.

Now check the height of the ribber relative to the main bed. I suspect this is rarely, if ever, checked by the majority of knitters. However, it is easily checked and easily adjusted.

Position the ribber at its highest working position. On standard gauge machines, don't forget to check that the pile levers, at each side of the ribber (they have a blue marker on them), are in the 'up' position. Bring 15 needles at each end of the main bed to the holding position. Slide a punchcard in between the needles and the ribber sinker posts. The punchcard should be lightly gripped. Check both ends. The test is the same for both standard and chunky gauge machines. Electronic owners can carry out this test using one of the punchcards supplied with the ribber.

Now locate the adjustment lever. Look behind the ribber bed, at one end. Locate the drop lever and see how it widens out into a plate. Towards the bottom of the plate there are two nuts, one above the other. On the opposite side of the plate to the drop lever and level with the lower nut, there is a small lever emerging from behind the plate. Loosen the lower nut (only loosen, don't remove) and the small lever can be moved up and down, moving the ribber up and down slightly. Move the ribber to the correct height and tighten the nut. Each end of the ribber can be adjusted independently.

The ribber is not supplied with a tool to make this adjustment. I use a small adjustable spanner, which I was able to buy at a good ironmongers.

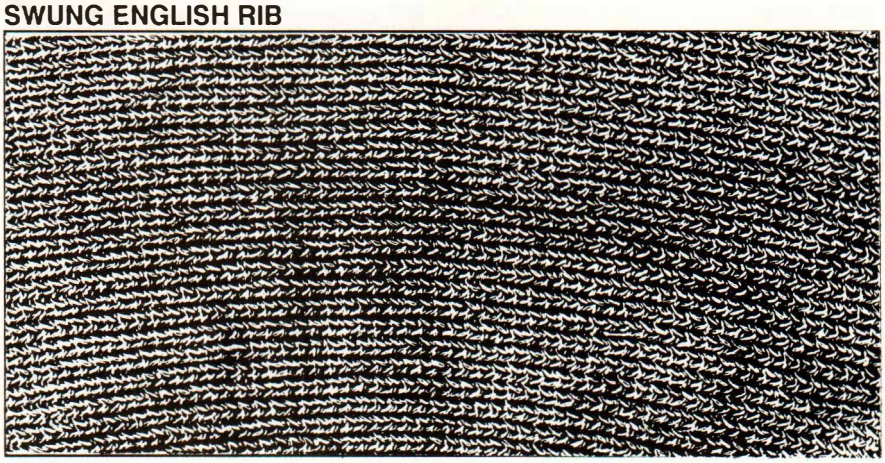
These adjustments are important. They can make all the difference to the way your ribber knits. They should be carried out at regular intervals, as the vibration while you knit can affect the ribber, causing it to move slightly in relation to the main bed.

Next month I shall be writing about the cast-on sequence when using the ribber and what the various carriage controls do.

Erecting, checking and adjusting the alignment of the ribber is taught on the first of my Open Learning Video Courses on the Ribber (Course No. 7A).

Ann Kite

SWUNG ENGLISH RIB



Pattern 10

FINISHING TOUCH

Angela Gordon experiments with hooking up the long loops formed when needles are out of work and creates the lacy ladder pattern used so distinctively for this sparkling sleeveless jacket, ideal for summer evenings

PATTERN RATING
*** For fairly experienced knitters.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS
Texere Glitter.
(Yarn Guide No. 11.)
4 [5, 6] x 100g cones in Pale Blue (MY).

GARMENT WEIGHT
Finished garment in second size weighs 445g.

The fibre content of this yarn is 80% Viscose, 20% Metallic. For further information about this year, please write to the following address:- Texere Yarns, College Mill, Barkerend Road, Bradford BD3 9AQ.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 94 [102, 111] cm, 37 [40, 44] in.
Length to shoulder 79.5 [80.5, 82.5] cm, 31½ [32, 32½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
33 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 9).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Count Ns in NWP as sts throughout.
The open work pattern is hand tooled ladder loops as described in Finishing Touch. Follow the diagrams for position of ladders.

BACK
Using MY, cast on 157 [171, 185] sts by hand. * Set RC at 000. Using MT, cont in patt as follows:- K 8 rows. Transfer sts as shown on chart. K 1 row. Transfer sts as shown on chart. ** K 4 rows. Push empty Ns as shown on chart to WP. Pick up 4 loops and place on to empty Ns. K 1 row. Transfer sts as shown on chart. Rep from ** 6 times more. K 4 rows. Push empty Ns as shown on chart to WP. Pick up 4 loops and place on to empty Ns. K 1 row. Transfer sts as shown on chart. Push empty Ns to WP as shown on chart. K 1 row. RC shows 50. Push empty Ns to WP as shown on chart. K 3 rows. *** Push empty Ns as shown on chart to WP. Pick up 4 loops and place on to empty Ns. K 1 row. Transfer sts as shown on chart. K 4 rows. Push empty Ns as shown on chart to WP. Pick up 4 loops and place on to empty Ns. K 1 row. Transfer sts as shown on chart. K 4 rows. Rep these 10 rows from *** throughout. RC shows 63 *. K 191 rows. RC shows 254.

Shape Armholes
Cast off 7 [9, 12] sts at beg of next 2 rows. Dec 1 st at each end of next and every foll alt row until 137 [145, 149] sts rem, then on every foll 3rd row until 119 [125, 129] sts rem. K 62 [61, 67] rows. RC shows 350 [354, 364].

Shape Shoulders
Cast off 5 [5, 6] sts at beg of next 10 [4, 10] rows and 6 sts at beg of foll 2 [8, 2] rows. Cast off rem 57 sts.

RIGHT FRONT
With carriage at right and using MY, cast on 73 [80, 87] sts by hand. Work as for back from * to *. K 169 rows. RC shows 232.

Shape Front Edge
Dec 1 st at left edge of next and every foll 5th row until 68 [75, 82] sts rem. K 1 row. RC shows 254.

Shape Armhole
Cont to dec at front edge on every 5th row from previous dec and, AT THE SAME TIME, cast off 7 [9, 12] sts at beg of next row, K 1 row. Dec 1 st at armhole edge of next and every foll alt row until 57 [60, 62] sts rem, then on every foll 3rd row until 42 [44, 46] sts rem. Cont to dec at front edge only on every 5th row from previous dec until 31 [34, 36] sts rem. K 7 [11, 21] rows. RC shows 350 [354, 364].

Shape Shoulder
Cast off 5 [5, 6] sts at beg of next and foll alt row, K 1 row. Cast off 5 [6, 6] sts at beg of next and foll 2 alt rows, K 1 row. Cast off rem 6 sts.

LEFT FRONT
Work as for right front, reversing shapings by reading left for right and right for left.

ARMHOLE BANDS
Join shoulder seams. With carriage at right and using MY, cast on 162 [170, 184] sts in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 10 rows. Transfer sts for st st. Using MT, K 1 row. With P side facing, pick up sts around armhole edge and place on to Ns. K 1 row. Cast off.

Blouse and trousers, RICHARDS. Earrings, NEXUS.

60 ▶

◀ 58

FRONT BORDER

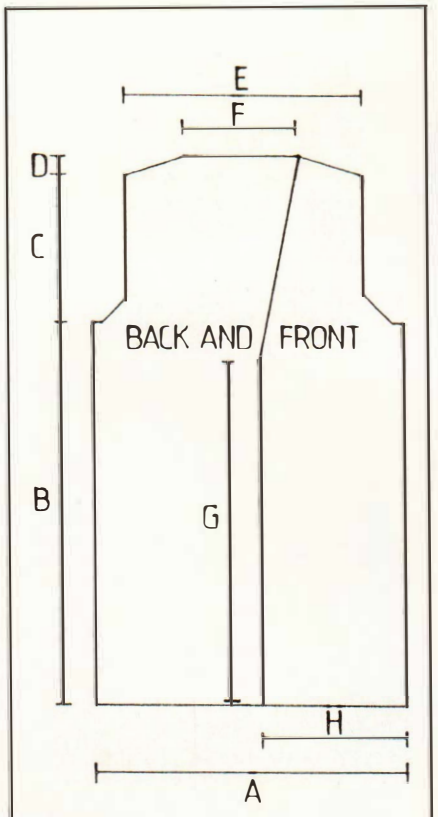
With carriage at right, push 7 Ns on main bed and 6 Ns on ribber to WP for double rib/full needle rib. Using MY, cast on. K 5 tubular rows. Carriage is at right. Set carriage for double rib/full needle rib knitting. Set RC at 000. Using MT-3/MT-3, K until long enough to go along right front edge, across back neck and along left front edge (approx 850 rows for second size). K a few extra rows. Using WY, K a few rows and release from machine.

PRESSING

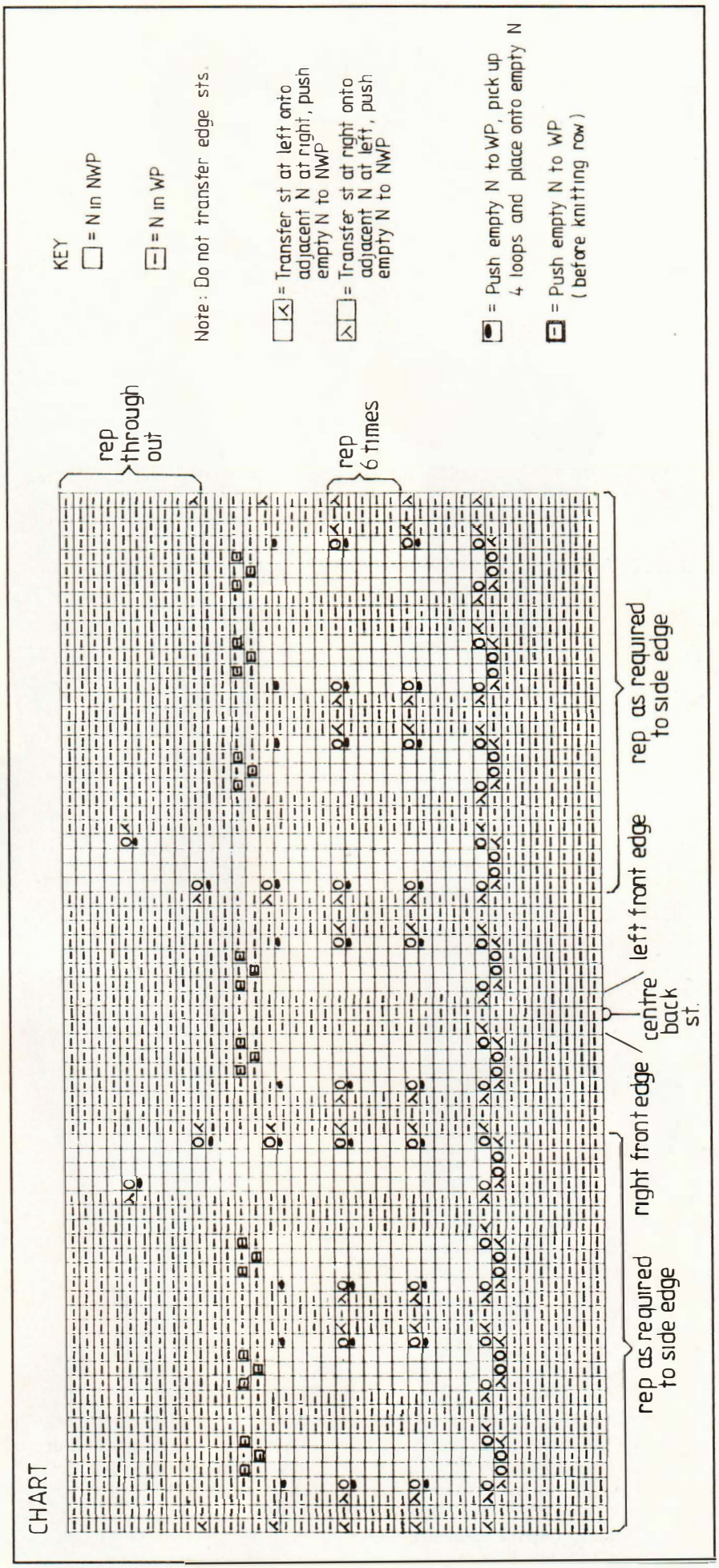
With wrong side facing, pin out all pieces to measurements given. Steam carefully, following instructions on cone band.

MAKING UP

Join side and armhole band seams. Sew front border into position, unravel excess and graft open sts.



A = 47.5 [51.5, 56] cm
B = 57.5 cm
C = 22 [23, 25] cm
D = 2.5 cm
E = 36 [37.5, 39] cm
F = 17 cm
G = 52.5 cm
H = 22 [24, 26] cm


KEY
= N in NWP
= N in WP
Note: Do not transfer edge sts.
= Transfer st at left onto adjacent N at right, push empty N to NWP
= Transfer st at right onto adjacent N at left, push empty N to NWP
= Push empty N to WP, pick up 4 loops and place onto empty N
= Push empty N to WP (before knitting row)
rep throughout
rep 6 times
rep as required to side edge
left front edge
centre back st
right front edge
rep as required to side edge
CHART

Finishing touch

HOOKED UP LADDERS

This month I was asked by Texere Yarns to create a garment in their shimmering Glitter - something suitable for summer evening wear

Glitter is a four-ply weight yarn that knits easily on a standard gauge machine at around tension nine. The fibre content is 80% Viscose and 20% Metallic. Having a fairly sensitive skin, I find the metallic causes this yarn to be too scratchy for wear next to the skin, so an unlined evening top was out!

Inspired by some of Angie Gibbons' (Swatch Spot) recent layered fabrics which featured needles out of work, I decided to play around with the out-of-work needle idea. The more needles out of work, the longer loops are created and these lend themselves to being hooked up on to needles above, creating what looks a bit like a tuck lace fabric. It is a type of manual tuck lace, whereby the loops are all tucked at once, after they have been created and each group is kept separate by transferring the knitting-off stitch, after it has been knitted.

The samples were fun to work out but the resulting fabric was fairly coarse even with large open areas. So, despite the instruction not to iron, I decided to steam the fabric fairly well. This was successful and took away the harsh feeling, at the same time making the fabric more fluid. The long-line waistcoat idea was an obvious choice for the style because it meant that the fabric would not be directly in contact with bare skin and the open work would be shown off to best advantage by being worn over a contrasting colour garment. It does look extremely good worn over silky white leggings and a body suit.

The knitting technique takes a lot of writing to describe but it is actually very easy to knit once the correct needles are transferred. It is actually quite fun, involving some really simple hand tooling. I did find a list of the row numbers for shaping at front vee and armhole were useful and suggest you make your own list (one for each size would take up too much magazine space!) before starting the shaping. Otherwise, remembering which side you must decrease and also when to hook up loops and transfer stitches can get confusing!

The hem fabric, which is more open but basically the same stitch is worked over a multiple of seven needles plus three for the edge stitches. This is then transferred to the main fabric needle arrangement by simply bringing some of the needles back into work on two consecutive rows.

Try a small sample of the fabric to get used to picking up the loops and transferring as follows:

Cast on 59 stitches using the e-wrap method and knit eight rows. This creates the rolled edge.

Starting at either end, leave four stitches in work and then transfer one stitch right and one stitch left on to adjacent needles, placing the empty needles back to A (non-working) position. Leave five needles in work and transfer the next two. Continue to the end and you should finish with four needles in work as shown in diagram 1.

Knit one row and then transfer one more stitch either side of the out-of-work needles, putting the empty needles also to non-working position. After this transfer you should have groups of three needles in work and four needles out of work throughout. See diagram 2.

Knit four rows which will leave four loops across the out of work needles. Pick up the four loops on the left and place them on to the fourth out-of-work needle from the left, bringing the needle into work. Pick up the next four loops and place these on to the first out-of-work needle of the next group. Repeat this across the knitting, placing one group of loops on to the left needle of the out-of-work group and the next on to the right needle alternately. See diagram 3.

I suggest that you bring all the needles carefully to hold to ensure that the loops and adjacent stitches all knit off properly.

Knit one row and transfer the newly formed stitch on to the adjacent needle and return the empty needle to non-working position.

Five rows complete one sequence of four loop forming rows and one loop hooking up row. Repeat the last five rows a few more times and then try the main fabric conversion as follows:

On the last of the five row repeats, hook up all the loops and knit the row. Transfer the first loop hooking up stitch back to the adjacent needle and return the needle to non-working position as before. On the next three groups of out-of-work needles, leave the loop hooking up stitch on its needle and also bring the centre needle of the remaining three from non-working position into work. Repeat this across the work so that one out of every four ladder groups are being returned to working position and knit one row.

To complete the new needle arrangement, bring the remaining two needles of each returning group to upper working position, making sure they go over the top of the loop created between the working needles either side. You should now have groups of four needles out of work and 24 needles in work with three stitches at each end.

You will now only be working on the two groups of ladder stitches and have already knitted one row of the next four, so knit another three. Continue with this less open fabric, alternating between catching the loops on the empty needle at the left and then the next time at the right. This creates a 62▶

different appearance to the hooked up ladders.

When working on the main fabric, it is not necessary to bring all needles out to holding position after hooking up the loops. However, I do recommend that you use a three-pronged transfer tool, to bring three needles out next to the one containing the loops, otherwise you might find that these stitches do not knit off very well and spoil the finished fabric.

I hope that you will enjoy 'hooking up the loops' and will be tempted to knit the long-line waistcoat, which I enjoyed designing for you.

This technique could be developed further and used for the open work project by City & Guilds' students who have no lace carriage.

Happy knitting!

Angela Gordon

FIGURE 1

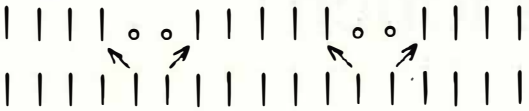
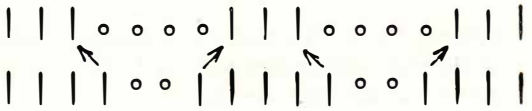


FIGURE 2

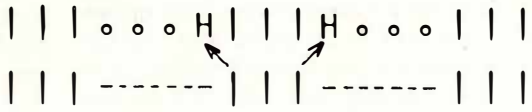


KEY

| = Needle in work

o = Needle out of work

FIGURE 3



H = Loops placed onto needle and needle pulled right out to hold with carriage set to knit back

Angela Gordon Products

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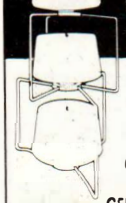

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BROTHER 230 Chunky plus ribber, £200. Tel: 0953 882280 (Watton, Norfolk).

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KNITMASTER Electronic 580, as new, £550 ono. Tel: 0708 474170 (Hornchurch).

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TOYOTA Knit Tracer K31, reason for sale changing machine, good working order, £94 new, asking £50. Tel: 0734 884447 (Reading).

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BROTHER 864, £200; 850 ribber, £180; Toyota 950, £200; Brother 836, £160; Knitmaster LK150 plus intarsia carriage, £130. Tel: 0532 874511 (Leeds).

KNITMASTER KR-7 Knit Radar with instructions and patterns, £45. Tel: 0902 897258 (Wolverhampton).

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BROTHER Chunky punchcard KH260 with Universal electric drive. Desk mounted, as new, £600. Tel: 081-674 6057 (London).

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KNITMASTER 560 Electronic with ribber, lace carriage, colour changer (unused), Knit Radar (unused), instruction books, audio tapes, etc., vgc, £500. Tel: 081-531 0561 (Woodford Green, Essex).

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BROTHER 836 punchcard machine with lace carriage, hole punch, wool winder, patterns, cards, table. Hardly used, £250. Tel: 0206 841711 (Colchester).

EXTRA yarn mast for Knitmaster punchcard machine, £12. Will post. Tel: 0274 582806 (Bradford) after 6 pm or weekends.

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KNITMASTER SRP50 ribber, £85; Lace carriage, £70; YC6 colour changer, new, £90; Rib transfer carriage, £25; Linker, £25; Intarsia carriage, £10. Tel: 0423 864562 (Knaresborough).

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KNITMASTER 560 Electronic knitting machine plus lace carriage and extras, perfect condition, £275; Large quantity of industrial yarn, £20. Tel: 0274 393472 (East Bowling).

KH940 Electronic, with lace carriage, plus KH850 ribber, table, video, books. Hardly used, £650 ono. Tel: 0507 607765 (Fotherby, Louth).

TOYOTA KS950 with Knit Tracer (unused), punchcards, books, magazines and many accessories including some yarn, £350. Tel: 0494 442940 (High Wycombe).

BROTHER KH260 with ribber, KR260 manual, punchcard, £450 as new. Tel: 0708 474170 (Hornchurch).

BROTHER 230 Chunky knitting machine plus instructions, used twice, £140; Toyota 858 punchcard knitting machine plus instructions, £135; Hague linker plus instructions, vgc, £145. Tel: 0623 844115 (Mansfield).

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CHUNKY Brother knitting machine KH230 with ribber, £150. Tel: 0782 341302 (Stoke-on-Trent).

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TOYOTA 950 plus ribber and accessories, must be in good condition. Brother Knitleader, £60. Tel: 0502 517827 (Lowestoft).

YC6 colour changer, also The Ribbing Attachment Part 1 by Mary Weaver. Tel: 0943 600648 (Ilkley).

BROTHER 900 or 910 wanted with ribber, East Anglia area. Tel: 0953 883514 (Norfolk).

RIBBER for Brother KH260 punchcard machine. Tel: 0773 827129 (Derbyshire).

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ZIPPY De Lux punchcard in vgc, plus new lace carriage and intarsia carriage, plus Brother Chunky 230, all for Brother Chunky 260 punchcard and ribber in good condition. Tel: 0923 440694 (Watford).

ABBREVIATIONS

alt = alternate(ly)
beg = beginning
ch = chain
cm = centimetres
cont = continue(ing)
dc = double crochet
dec = decrease(ing)
foll = following
g = grams
HP = holding position
in = inch(es)
inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

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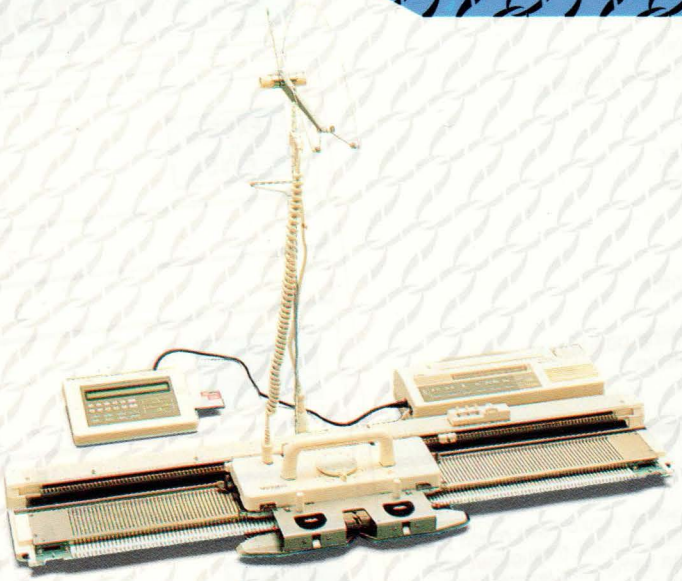
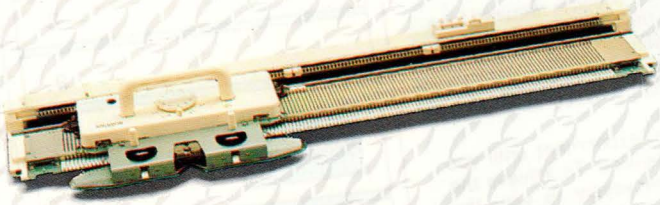
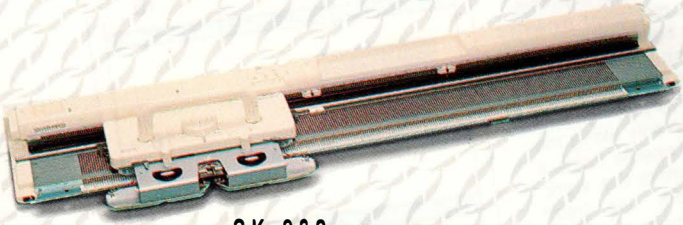


SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair

SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply



SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

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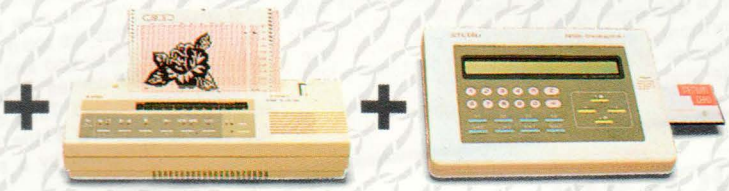
Silver EC1 *Pattern Controller*



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